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ABSTRACT

This report for 1969 highlights the changes and achievements made possible by the 1963 Act's new emphases and dimensions, and summarizes the issues that generated passage of the Vocational Education Amendments of 1968. It also includes a brief discussion of manpower trends and their implications for vocational-technical education. Based on information from the states, major sections of the report are: (1) Moving Ahead, (2) Fiscal Year 1969 in Review, (3) Manpower Trends, and (4) Statistical Tables, Fiscal Year 1969. It was noted in the review section that fiscal year 1969 revealed several patterns of growth which were consistent with the intent of the 1963 Act. (Author/JS)

ED 060214

VOCATIONAL & TECHNICAL EDUCATION

Annual Report/Fiscal Year 1969

VT014878

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VOCATIONAL & TECHNICAL EDUCATION

ANNUAL REPORT
FISCAL YEAR 1969

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Elliot L. Richardson, Secretary
OFFICE OF EDUCATION
S. P. Marland, Jr., Commissioner of Education

June 1971

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Foreword

During the last half of the 1960's, public vocational education received support from a revolutionary piece of legislation—the Vocational Education Act of 1963. Thus, the 5-year period from fiscal year 1965 through 1969 will have significance in the history of public vocational education.

This report for 1969, the last in a series of review activities under the 1963 Act, highlights the changes and achievements made possible by the act's new emphases and dimensions, and summarizes the issues that generated passage of the Vocational Education Amendments of 1968. It also includes a brief discussion of manpower trends and their implications for vocational-technical education.

The information and data are based on material from the State reports which described activities during fiscal year 1969. Programs were financed by Federal, State, and local funds. Federal money was authorized by the several vocational-technical acts: the Smith-Hughes Act of 1917 (Public Law 347); the George-Barden Act of 1946 (Public Law 586); the Vocational Education Act of 1963 (Public Law 88-210); the Economic Development Act of 1965 (Public Law 89-136), and the Appalachian Regional Development Act of 1967 (Public Law 90-103).

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CHAPTER I
MOVING AHEAD

Future chemical technicians for industrial chemistry.

Chapter I: Moving Ahead

The Vocational Education Act of 1963 set a new pattern for Federal support of public vocational education and made training for "gainful employment" a goal for all programs it supported. The intent was to modernize and redirect the entire vocational system, put resources within reach of *all* persons in all communities, and offer training for job entry or career advancement in virtually every occupation below the professional or 4-year degree level.

From fiscal year 1965 through 1969, the flow of Federal funds to the States was steadily increased to help bring about the required changes. The legislation provided funds for constructing, remodeling, or expanding facilities designated as area vocational schools. The act also required each State to use part of its Federal allotment for supporting services, such as professional development, program evaluation, guidance and counseling, curriculum development, State administration and leadership, and research and training.

Most significantly, focus shifted from the traditional occupational categories to the diverse training needs of youth and adults in certain population groups. Special reference was made to high school students, persons who had completed or left high school, persons in the labor market who needed training or retraining to achieve job stability or advancement, and the handicapped and disadvantaged.

SOME RETURNS

Considerable progress was made in redirecting program emphases and practices, especially in the traditional occupational programs–agriculture, home economics, and trade and industry. Authorizations for these programs were continued under the Smith-Hughes and George-Barden Acts, but the 1963 Act permitted States at their option to transfer funds from one category to the other. Given this flexibility, State and local educational agencies expanded the traditional programs to reflect the change in job options and labor market needs.

Agriculture, for the first time, trained persons for employment in the off-farm, agribusiness occupations such as ornamental horticulture, sales and services, management, and forestry. Supervised on-the-farm practice was no longer required.

The new dimension for *home economics education* was preparation for gainful employment in the personal and community service occupations. These included food-service management and supervision in private and public institutions, tailoring, institutional housekeeping and management, child care and guidance for employment in nursery schools or day-care centers, and home and institutional care of elderly persons.

Trade and industrial education expanded full-time preemployment training at the high school level, postsecondary study, and special classes for training in the single-skilled and semiskilled occupations.

Furthermore, the act made permanent *technical education* and added *office occupations education*. The States developed new curriculums for various technologies, including agriculture. In addition, emphasis was placed on reorienting teachers of agriculture and home economics and on developing guidelines for teachers of the business and office occupations.

Distributive education, formerly restricted to serving only employed adults and secondary students in extension or part-time high school courses, received support for preemployment training, junior executive training at the postsecondary level, and the continuation of cooperative programs.

In an effort to ease the shortage of qualified support personnel in the health services, *health occupations education* moved in two directions. Existing programs were updated, and States gave considerable attention to the development of new career-objective programs which would serve current and emerging manpower needs in the health occupations. Secondary programs offered job-entry training or preparation for postsecondary study. Postsecondary training prepared students for

Table A
Percentage Increase in Enrollments, By Levels: Fiscal Years 1965-1969

	1965	*1966*	*1967*	*1968*	*1969*
Total	18.9	11.8	16.1	6.9	5.9
Secondary	31.7	8.1	15.8	8.8	6.2
Postsecondary	21.3	113.4	13.0	18.6	19.1
Adult	5.5	6.4	16.2	1.5	2.1
Special Needs	–	91.1	50.3	50.7	29.2

employment as semiprofessionals or technicians, and adult programs offered supplementary training to upgrade the skills of health workers. In addition, increased Federal funding assisted States in centralizing training resources for adults and in school youth.

Enrollments

From 1965 through 1969, enrollments grew at each educational level and in programs for persons with special needs (see Table A).

Over the 5-year span, enrollment growth in total numbers of students was largest at the secondary level. Enrollments rose from 2,819,250 in 1965 to 4,079,395 in 1969, an increase of 1,260,145 students (see Table B).

Percentage changes in enrollments by occupational program ranged from an increase of 162 percent in health occupations to 17 percent in home economics. Enrollments increased 151 percent in office occupations, 60 percent in distributive education, 58 percent in trade and industrial education, and 40 percent in technical education. In agricultural education, however, enrollments declined 4 percent between 1965 and 1969.

The growth pattern is quite different when based on the number of students enrolled in each program rather than on percentage changes in enrollment totals. The largest increase in number of students occurred in office occupations. Enrollments rose from 730,904 in 1965 to 1,835,124 in 1969, an increase of 1,104,220 students. In contrast, agriculture lost 36,824 students–from 887,529 in 1965 to 850,705 in 1969. Trade and industry accounted for the second largest number of students, climbing from 1,087,807 in 1965 to 1,720,859 in 1969. Enrollments in home economics increased from 2,098,520 to 2,449,052; distributive education from 333,342 to 563,431; health occupations from 66,772 to 175,101; and technical education from 225,737 to 315,311.

Expenditures

As Federal expenditures increased for vocational education, so did State and local expenditures. In 1965 State and local funds accounted for nearly 71 percent of total expenditures for vocational education and about 81 percent in 1969. This means that State and local educational agencies spent approximately $2.90 for every Federal dollar in 1965, and $4.37 in 1969.

A breakdown shows that:

- In 1964, *the year before funds were allotted under the act,* expenditures for vocational education totaled $332,785,115, including only $55,026,875 in Federal money. Local funds totaled $152,783,668 and State funds, $124,974,572.
- In 1965, the total increased to $604,645,724, with a Federal contribution of nearly $157 million. Local funds totaled $260,974,879 and State funds reached $186,734,833.
- In fiscal year 1969, local-State-Federal expenditures for vocational education totaled $1,368,756,523, with

Table B
Enrollment Totals by Level: Fiscal Years 1965-1969

	FY 1965	*FY 1966*	*FY 1967*	*FY 1968*	*FY 1969*
Totals	5,430,611	6,070,059	7,047,501	7,533,936	7,979,366
Secondary	2,819,250	3,048,248	3,532,823	3,842,896	4,079,395
Postsecondary	207,201	442,097	499,906	592,970	706,085
Adult	2,378,522	2,530,712	2,941,109	2,987,070	3,050,466
Special Needs	25,638	49,002	73,663	111,000	143,420
(No. in Regular Programs)	–	(53,154)	(92,925)	(107,942)	(144,274)

State and local funds once again exceeding the Federal contribution. Federal funds totaled $254,676,376; local, $646,907,266; State, $467,172,881.

Training Resources

The act stipulated that vocational-technical programs could be conducted in any type of school. Beginning in 1965, people had access to training during evening or regular school hours in the classrooms, shops, and laboratories of comprehensive secondary schools, specialized secondary vocational-technical schools, combination secondary-postsecondary schools, private schools, community or junior colleges, and 4-year colleges and universities.

Although the act excluded support for occupational preparation at the professional and bachelor-degree level, its emphasis on postsecondary study and ancillary services had an impact on colleges and universities. Junior and 4-year colleges conducted short-term programs, and 1- and 2-year postsecondary programs in all the major vocational-technical occupational categories.

Both colleges and universities trained vocational teachers, teacher-educators, supervisors, and administrators. In addition, these institutions developed or strengthened vocational counselor-training programs, provided vocational guidance services, engaged in research, developed curriculums and various instructional materials, and conducted special demonstration and experimental programs.

Construction

Shortage or obsolescence of facilities created serious obstacles to the development and expansion of vocational education. Thus, the 1963 Act included support for construction of area vocational facilities, to assist States in meeting the cost of constructing, remodeling, and expanding vocational schools and facilities. Additional Federal funds for construction projects were authorized under the Appalachian Regional Development Act of 1965 and the Economic Development Act of 1965.

Facilities designated as area vocational schools increased from 405 in 1965 to 1,303 in 1969. Within the same time span, local-State-Federal expenditures totaling over $1.1 billion went toward the construction, remodeling, or expansion of more than 1,500 projects.

Teacher Education

The vocational teaching staff was expanded and improved at all levels to keep pace with the rapid development of program offerings. Teachers in training between 1965 and 1969 totaled 444,788.

In 1965, enrollees in teacher-education programs totaled 69,051 of whom 33,771 were in preservice training and 35,280 were in inservice programs. The occupational categories in which the largest number of teachers received training were: trade and industry, 22,306; home economics, 20,587; and agriculture, 10,103.

Enrollees in teacher-education programs in 1969 totaled 110,674, including 25,294 who completed State plan requirements. Preservice programs enrolled 58,324 trainees and inservice programs served 52,350 teachers. Almost 32,000 were trained for teaching trade and industrial education, some 30,000 for home economics, and over 16,000 for office occupations. Those trained for technical education numbered 5,212 in 1969 compared to 1,750 in 1965, and 2,318 for health occupations compared to 758 in 1965.

For Comparison

In 1965, the first year of funding, over 5 million persons were enrolled in vocational education programs, and were taught by 109,136 teachers (estimated unduplicated count) in 16,890 schools. In 1969, enrollees totaled nearly 8 million. Vocational programs were taught in 18,492 schools by 166,898 teachers (unduplicated count).

A PAUSE FOR EVALUATION

After almost 2 years of operation under the 1963 Act, it became apparent that little or no attention had been given to several priorities. Postsecondary programs, work study for needy vocational students, adult programs, and programs and services for persons with special needs had not expanded according to the act's intent because of insufficient funding.

In December 1967, the Advisory Council on Vocational Education submitted its report to the Secretary of Health, Education, and Welfare for transmittal to the President and the Congress. The Council's report, *Vocational Education: The Bridge Between Man and His Work,* summarized major program achievements and limitations and outlined recommendations for program improvement.

Among the limitations were:

- Reporting of vocational education data was suffering from the lack of a fully developed data collection and reporting system.

- Vocational education programs and services had not expanded rapidly enough in response to the needs of people in metropolitan areas, particularly the culturally and economically disadvantaged and residents of slum and ghetto neighborhoods.
- The total Federal vocational education fund was entirely too small to expand and develop programs in accord with the need.
- Teacher educators had not been developed in sufficient numbers nor in keeping with a plan that encompasses research, curriculum theory, leadership skills, and evaluation techniques.
- Adequate staff at the national level had not been made available to give leadership either for the curriculum development effort at the national level or to coordinate curriculum development at the State level.
- Vocational education funds were forced to compete at a disadvantage with the more favorable funding available through other Government agencies.
- Despite the significant development in leadership activity, the extent of this activity did not measure up to national need.
- All youth did not receive the benefits of vocational guidance; commitment was needed among schools to provide vocational guidance as a recognized part of the total educational process.
- Vocational guidance had not been provided for out-of-school youth and adults.

The Congress, however, had begun to consider proposals for new legislation as early as 1966. From spring 1966 through summer 1968 the General Subcommittee on Education of the House Committee on Education and Labor held a series of hearings to examine the administration of vocational education under the 1963 Act and earlier legislation, and to identify weaknesses in programs and services. Thus, the sheer pressure of need and change, coupled with the Advisory Council's recommendations and the subcommittee's deliberations, shaped the provisions of the Vocational Education Amendments of 1968.

RENEWED COMMITMENT

When funded, the 1968 legislation will call for profound changes. Its provisions are aimed at making occupational preparation a major goal of the Nation's public school system, beginning in elementary school and continuing through postsecondary school.

The new legislation authorized increased support for vocational programs designed to reach both the college-bound and work-bound student, the untrained and underemployed youth and adults, the hard-to-teach, and the disadvantaged and handicapped. The law extended the definition of vocational education by encouraging total integration of the academic, general, and vocational curriculums so that no person will be denied an opportunity to prepare for an occupation that suits his aptitudes, talents, and interests.

It also included:

- A separate authorization for the support of consumer and homemaking education, requiring that one-third of the funds be used to help individuals and families in depressed inner-city and rural areas to improve their home environments and the quality of family living.
- Provisions for stipends to encourage professional development through inservice training and participation in leadership development programs.
- Support for special institutes to familiarize teachers with new curriculums.
- Funds for construction and operation of residential vocational schools for youths 15 to 21 years of age.
- Support for cooperative work-study or work-experience programs, and funds to reimburse employers for added costs of on-the-job training.
- Funds for exemplary programs and projects aimed at reducing the high rate of unemployment among youth, particularly those who have academic, social, or other handicaps.
- Funds for research and training projects, especially in the development of new careers.
- Support for guidance and counseling, personnel recruitment and training, curriculum development, and evaluation.

Congress more than doubled past authorizations to help the Nation's schools assume responsibility for orienting the young to the world of work and for producing workers who can compete for jobs in a changing occupational structure.

CHAPTER II
FISCAL YEAR 1969 IN REVIEW

← *Distribution and marketing program for persons with special needs. This youth learns how to check oil in service station training.*

Chapter II: Fiscal Year 1969 in Review

Specific accomplishments in fiscal year 1969 revealed several patterns of growth which were consistent with the intent of the 1963 Act. Total enrollments were up almost 6 percent over 1968. By educational level the 19.1-percent increase in postsecondary enrollments was the largest. Enrollments rose 6.2 percent at the secondary level, 2.1 percent at the adult level, and 29.2 percent in programs for persons with special needs.

Increased enrollments of 24 percent in health occupations education and 17 percent in technical education reflected a growing awareness among State and local vocational educators of the urgent need for semiprofessional health workers and technicians. Marked enrollment growths in the off-farm agricultural curriculums and in gainful home economics programs showed that States were still making efforts to redirect these traditional categories and gear offerings to job opportunities in the local, State, and regional labor markets.

Enrollments in "other" programs, reported for the first time in fiscal year 1968, increased from 49,297 to 69,783 in 1969. This category includes, among other programs, prevocational and multioccupations training.

Another specific evidence of progress was the increase of 20,346 teachers in 1969, bringing the total for the fiscal year to 166,898. Secondary teachers increased by 10 percent, postsecondary by 39 percent, and teachers of students with special needs by 69 percent.

SECONDARY PROGRAMS

In 1969, secondary programs received about 31 percent of the funds spent for vocational education under the 1963 Act. Total expenditures rose from $364,978,936 in 1968 to $451,033,667, with Federal expenditures totaling $70,602,561 as compared with $67,969,615 in 1968.

The number of students in secondary vocational programs increased from 3,842,896 in 1968 to 4,070,395, representing 31.4 percent of the total high school enrollment in 1969.

Growth by occupational program ranged from a low of 1.5 percent in agriculture to a high of 10.8 percent in health occupations, and increases of 4.8 percent in distributive education, 5.9 percent in office occupations, 7.2 percent in home economics, and 8.7 percent in trade and industry. Enrollments in technical education decreased 12.3 percent in 1969. With the shift in emphasis from secondary to postsecondary technical study, many high schools began updating and strengthening curriculums in the physical sciences, mathematics, and English to prepare students for technician programs at the postsecondary level.

Several States with large and sparsely populated rural areas reported enrollment growth in health occupations education. Enrollments in vocational health programs in Alaska, Maine, and New Hampshire increased well over 30 percent. Missouri, Indiana, Nebraska, and Kentucky were among those States reporting enrollments in excess of the 1968 rate of 6.2 percent.

A total of 723,931 students completed secondary vocational requirements, of whom 368,910 or 51 percent were available for job placement. Of these, 271,424 or 73.6 percent were employed in the field for which they were trained or in a related one; 61,592 or 16.7 percent were employed in an unrelated field; 14,794 or 4 percent were placed in part-time work; and 21,100 or 5.7 percent were reported to be unemployed.

Of the 251,626 graduates unavailable for placement, 16.8 percent entered the Armed Forces, 70.8 percent continued full-time study, and 12.4 percent were not available for "other reasons." Data on 103,395 students who completed high school vocational programs were not available.

POSTSECONDARY EDUCATION

The impressive growth in postsecondary program enrollments in 1969 continued a trend spurred by yearly

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increases in expenditures since 1965. Postsecondary programs accounted for 23.2 percent of all vocational education expenditures under the 1963 Act, slightly above the projected 21.1 percent. Combined Federal-State-local expenditures rose from $185,459,370 in fiscal year 1968 to $252,826,178 in 1969.

Particularly significant was the increase in postsecondary teachers: 22,234 full-time and 14,373 part-time teachers, a 39.1-percent increase over 1968 when the breakout was 16,841 full-time and 9,479 part-time teachers. The percentage increase for postsecondary teachers in 1969 was more than twice the enrollment percentage increase.

New programs emerged in response to present-day manpower needs. Some of the new offerings reported in 1969 were: nursery education and child-care specialist, educational media assistant, mental health technician, social or community service assistant, surgical technician, urban planning assistant, water and wastewater technician, pesticide technician, air pollution technician, laboratory animal care technician, biomedical equipment technician, and police science and crime laboratory specialist.

Postsecondary enrollments showed an additional 113,115 students in 1969, from 592,970 to 706,085. Postsecondary vocational education enrollment made up 60.3 percent of the enrollments in 2-year public colleges, which totaled 1,170,000 students.

States with large rural areas showed enrollment increases which exceeded the 19.1 national average. Among these were Maine, Illinois, South Dakota, Texas, Alabama, Missouri, Kansas, Iowa, Minnesota, Vermont, New Hampshire, Arkansas, New Mexico, and Kentucky.

Enrollment growth in most States was influenced by the increase in junior colleges, technical institutes, and area technical colleges. For example, Pennsylvania's postsecondary enrollments increased 166 percent over the 1968 enrollments; South Dakota, 100.4; Illinois, 80.7; Maine, 74.9; and Vermont, 50.8.

The occupational program with the largest enrollment increase, 206.9 percent, was home economics. Enrollment rose from 4,395 in 1968 to 13,490 in 1969. Of the 13,490 students in postsecondary home economics education, 10,764 were enrolled in gainful employment curriculums.

Agriculture's enrollment of 15,816 represented a 43.3-percent gain over 1968. Of these, 10,873 were enrolled in off-farm programs. A 42.3-percent increase occurred in health occupations, the largest increase since 1965; distributive education showed a 35.5-percent increase; and trade and industry enrollments increased 26.5 percent. Enrollment in office occupations declined 3 percent in 1969, a result of changes made by some States in reporting enrollments by program level.

All States and outlying areas, except the Virgin Islands, conducted postsecondary vocational education programs during 1969. However, the Virgin Islands reported that fiscal year 1969 funds had been used for program planning and development.

Of the 135,678 postsecondary students who completed program requirements, 89,113 or 65.7 percent were available for placement. Ninety percent of these students, or 80,241, were employed in their field or in a related field; 4.6 percent or 4,097 were employed in an unrelated field; 2.4 percent or 2,138 were employed part time; and 3 percent or 2,637 were unemployed.

Of the 22,029 who were not available for placement, 27.4 percent entered the Armed Forces, 56.4 percent continued full-time schooling, and 16.2 percent were not available for "other reasons." Data on 24,536 (18.1 percent) were unavailable.

ADULT PROGRAMS

Total expenditures for adult education rose from $57,086,189 in 1968 to $72,008,987 in 1969. Although adult program enrollments and expenditures grew in 1969, the States reported the need for additional funding because of the growing demands for programs in pollution control, child care and development, management training, the health occupations, technician training, and other occupations with manpower shortages.

Adult participation in vocational-technical education grew from 2,987,070 in 1968 to 3,050,466 in 1969. The percentage growth in enrollments by occupational program was: technical education, 19.1; office education, 8.7; health occupations, 7.1; home economics, 6.0; and trade and industry 1.1. State reports showed that adult enrollments declined 12 percent in distributive education and 4.9 percent in agriculture.

Data from State reports revealed no consistent growth pattern for adult enrollments during 1969. Arizona, for instance, reported a 36-percent enrollment increase in distributive education, trade and industry, office education, and technical education. New Jersey's 36 new adult programs attracted an additional 69,915 adults during 1969. Many States reported that lack of funds for program operation and expansion had caused declines in adult enrollments. Kansas, however, passed legislation to remove certain requirements which had limited participation of adults and out-of-school youth in tuition-free vocational programs.

Occupational programs for adults were expanded across the country, indicating that increasing numbers of adults were requesting supplementary and preparatory training. In Florida, enrollments rose 65 percent in preparatory industrial programs and 24 percent in the supplementary programs. Kentucky's adult enrollments in distributive and marketing programs jumped 141 percent over the 1968 enrollments, and enrollment gains in Virginia's new travel-service programs shifted the State's position from 29th to 5th among the States offering courses in cooperation with the American Hotel-Motel Association diploma programs.

Washington State conducted two new adult classes for farm-labor supervisors, and Iowa offered special classes to prepare farmers for off-farm job opportunities. Young and adult farmer groups in Virginia received five lessons in agricultural mechanics through the State-sponsored educational television series. Supplements for these lessons were distributed to all vocational agriculture teachers in Virginia. Florida offered supplementary training programs in agricultural production, supplies, mechanics, products, ornamental horticulture, and forestry.

New adult programs in distributive education included: cashier-checker training and job placement following completion of the course; shop-lifting prevention clinics as part of the distributive education program; and food service training for State park supervisors.

An increasing number of preparatory and supplementary programs were offered in the health occupations. Louisiana offered programs in practical nursing, geriatric nursing, intensive coronary care, medical-surgical nursing, and pharmacology. A total of 1,479 adults enrolled in these courses, 1,170 in preparatory programs and 309 in supplementary programs. Missouri offered new programs for nursing assistants which emphasized care of the mentally retarded. Florida conducted refresher programs for nursing assistants, practical and registered nurses, laboratory technicians, and health workers employed in nursing homes.

Area vocational schools in Louisiana conducted preparatory programs in home economics education to train adults in clothing alteration and for employment as visiting homemakers, food service workers, and aides to the elderly. An additional 276 adults enrolled in West Virginia's expanded program for upgrading school lunch cooks. Adults employed in jobs related to nutrition, including school lunch workers, and personnel in mental health and correctional institutions benefited from Maine's educational television programs.

Florida offered technical education courses in pollution control, and Washington State developed supplementary programs for adults employed in water and wastewater treatment plants.

Several States cooperated with business and industry in developing adult managerial and apprenticeship programs. Iowa conducted prejob apprenticeship programs for bricklayers and related programs for 1,502 apprentices. Michigan continued to expand programs in management and labor relations training and in foremanship education.

PROGRAMS FOR PERSONS WITH SPECIAL NEEDS

The 1963 Act dictated that persons with special needs were to be served by vocational education. It defined this target group as "persons who have academic, socioeconomic, or other handicaps that prevent them from succeeding in regular vocational education programs." This definition included: (1) Those whose physical, emotional, or mental handicaps retard personal achievement; and (2) those whose environments and cultural background inhibit personal, social, and economic advancement.

Persons with special needs, served either in separate classes or in regular classes, totaled 287,694 in 1969. This represented a 32-percent enrollment increase over 1968 and 3.6 percent of the total vocational education enrollment for 1969.

Expenditures for programs serving these persons totaled $33,848,189, a 37.4-percent increase in 1968 expenditures. Federal funds under the 1963 Act amounted to $7,884,454, or 3.5 percent of all Federal expenditures for vocational education in 1969.

Most States in 1969 had at least one person assigned to special needs programs, and several had staffs large enough to provide the State leadership needed to develop programs for the handicapped and disadvantaged. State reports showed that nearly half of the States had staff members working full time or part time in special needs programs.

Home economics programs for disadvantaged adults were begun or expanded in several States: Courses for migrant workers in Minnesota; a class for adults with special needs and nine classes for low-income senior citizens in Ashland, Ky.; 22 classes for disadvantaged adult groups in Fayette County, Ky.; and job-training and work-experience programs in New Jersey for persons in the Work Incentive Program (WIN).

Some States, Minnesota and Florida, for example, offered prevocational classes to motivate potential dropouts to continue their schooling. The District of Columbia and New York City provided child-care services for welfare mothers enrolled in vocational programs.

Ohio and Florida combined on-the-job experience and inschool vocational education to motivate underachievers and enable needy students from low-income families to continue their training. New Jersey, New Mexico, Maryland, and New York continued using mobile trailers to reach persons in isolated regions. These mobile units provide occupational orientation programs, skill development classes, and student evaluation services to migrant farm workers or other persons to whom vocational education had been inaccessible.

Many programs begun during the past few years for the handicapped and disadvantaged were developed jointly with agencies or groups concerned with vocational rehabilitation, compensatory education, and special education. Cooperative funding arrangements, when made, stretched the limited resources available for special needs programs and services.

THE OCCUPATIONAL PROGRAMS–ENROLLMENTS AND TRENDS

During 1969 the States continued to recruit new students, and vocational educators introduced new programs and expanded offerings for persons of all ages at all educational levels.

Trade and Industrial Education

In 1969 enrollments, funding, and offerings were greater than at any time in the history of the vocational program of trade and industrial education. The 1,720,859 persons who received training in this program represented an enrollment increase of 92,317 over the 1968 enrollments. The financial support, excluding construction, reached a combined total of $318,300,000 of which $62,396,000 came from Federal funds.

Secondary programs served 458,554 students, 36,000 more students than were served in 1968. These high school students received instruction from 13,420 full-time teachers and 4,254 part-time teachers.

The most popular programs were: automotive mechanics, drafting, machine shop, graphic arts, carpentry, cosmetology, construction and maintenance, automotive industries, welding, and masonry. Enrollments in these 10 basic programs ranged from more than 66,000 in automotive mechanics to 12,048 in masonry. Auto body and fender repair, electricity, electronics, millwork, and cabinetmaking also had large enrollments.

Several States reported improved or new secondary programs. New York reduced many 3-year trade courses to 2 years and used short-unit courses, programmed learning and interdisciplinary approaches more frequently in 1969 than in 1968. Illinois completed a 3-year experimental program in the diversified metals occupations which had been offered in 15 high schools. In Florida, overaged 9th and 10th graders who had been identified as potential dropouts were taught clusters of related mechanical skills in the diversified mechanics program.

A total of 39,301 high school students participated in cooperative programs which offered work experience in 92 trades. The cooperative programs with the largest enrollments were auto mechanics, machine shop, graphic arts, cook/chef, and drafting. New Jersey conducted 322 cooperative industrial education programs; the Chrysler Corporation in Detroit continued participation in cooperative work-experience programs for inner-city youth; and Florida began a cooperative industrial education training program for secondary students who had completed at least 540 hours of preemployment classroom and shop training.

Persons with special needs totaled 67,890, a 43-percent increase over 1968 enrollments. Of this number, 22,148 attended regular classes. Special needs teachers totaled 1,736–991 taught full time and 745 taught part time. The Portland School District in Oregon expanded the Vocational Village School for students with special needs. In New York, secondary curriculums were developed for urban students with special needs, and handicapped and disadvantaged students in Highland Park, Mich., attended a 10-week summer program which offered training in auto mechanics and electronics.

Postsecondary enrollments totaled 174,201 as compared with 137,732 in 1968. The programs with the largest enrollments included: law enforcement, automotive mechanics, drafting, welding, machine shop, foremanship and supervision, aircraft maintenance, graphic arts, cosmetology, commercial art, and auto body and fender repair.

Postsecondary programs in trade and industrial education were offered at 26 institutions in Illinois, with the largest enrollments in automotive mechanics, drafting, and law enforcement. Florida reported sizable enrollment increases in electro-mechanical assembly, dimensional quality control, automotive mechanics, and air conditioning. Hartford State Technical College in Connecticut added a nuclear technology program.

Enrollments in postsecondary cooperative programs grew from 201 students in 1968 to 4,833 in 1969. Postsecondary cooperative programs in sheet metal, auto mechanics, welding, construction and maintenance, and communications had large enrollments. Of the 11,213 teachers employed at this level, 6,867 were full time and 4,346 were part time.

Of the 1,042,362 adults in trade programs, over 878,000 were in supplementary training and more than 164,000 were in preparatory training. Of the 25,985 teachers for adult programs, the majority, 18,942, were from business and industry and taught part time.

Efforts to expand or improve courses for adults were reported by several States. New York updated and developed new short-unit trade courses for adult programs in Rochester and New York City, and introduced programmed learning for classes conducted in Utica. Delaware broadened trade-extension programs to prepare adults for job opportunities in regions served by vocational high schools. All 22 area vocational-technical schools in Georgia employed industrial coordinators to analyze the training needs of employed adults so that programs could be developed or modified to meet their needs.

Distributive Education

This program served 563,431 persons in 1969, or 10.0 percent of all *gainful* enrollments. Out-of-school youth and adults, who attended short-termed courses on a part-time or intensive basis, were the largest group reached by distributive education. The 11.9-percent drop in enrollments for this group almost canceled out the 15-percent gain reported in 1968. The adult enrollments totaled 307,976 in 1969, dropping from 349,730 in 1968. As a result, the total distributive education enrollment for 1969 fell 2 percent below the 1968 enrollment.

Employed persons in refresher, updating, or developmental training made up 76.7 percent of the adult enrollment. Adults being retrained or prepared for employment in part-time or intensive courses totaled 71,578. Those in preparatory and supplementary training accounted for 54.5 percent of the distributive education enrollment, and 10 percent of the total vocational adult enrollment.

High school students in the regular vocational program of distributive education totaled 184,206, representing 32.7 percent of the program's total enrollment. About 43 percent of these students were in cooperative work-experience programs.

Followup studies revealed that 51 percent of the high school students in distributive education completed the program, an increase of 3.2 percent over 1968. Among those available for employment, almost 76 percent were employed in the field for which they were trained or in a related occupation. Only 4.7 percent were unemployed, and 22 percent continued their education on a full-time basis.

Programs for inschool youth and adults trained primarily for employment opportunities in general merchandise, general retailing, miscellaneous services, food services, and goods distribution. The most popular marketing programs were general merchandise and real estate, both of which had enrollments of over 55,000. General management courses attracted almost 25,000 persons and general retailing some 24,000.

Postsecondary programs in distributive education included different levels of occupational preparation. Some programs prepared trainees for positions which required more than a high school diploma, but less than a 4-year college degree; others prepared high school graduates for job entry. Postsecondary enrollments increased 35.5 percent over 1968, reaching 60,718 in 1969. More than 43,000 enrollees were first-year students, 6 percent more than in 1968.

Some 22,000 disadvantaged or handicapped persons received training in 1969. Special classes or programs served 10,531 trainees, over 6,000 more trainees than in 1968.

The unduplicated count of teachers was 9,741, an increase of 1,199 over the 1968 count. Distributive education had 4,407 full-time teachers and 6,768 part-time teachers. A national study of teacher-preparation programs, conducted in 82 different colleges and universities in 1969, showed a 9-percent increase over 1968 in bachelor's and master's degrees in distributive education.

Expenditures for distributive education totaled $58,108,000, of which nearly $53 million was spent for instruction and equipment. Over $1,650,000 was spent for State and local supervision; $1,518,000 for teacher education; and $1,473,000 for State and local administration. Expenditures for research were somewhat less than $270,000, and guidance accounted for $319,185.

Agriculture

The expansion of off-farm, agribusiness programs continued in 1969. Of the 850,705 persons enrolled in vocational agricultural education, 205,846 received training for employment in the off-farm occupations–a

20-percent increase over the 1968 off-farm enrollments.

Growing job opportunities in the urban labor market led to the expansion of off-farm offerings in urban high schools. Miami, Philadelphia, New York, Los Angeles, and Cleveland added ecology, veterinary science, golf course and turf management, and landscaping to secondary curriculums. Ornamental horticulture, however, remained the most popular subject.

High school enrollments totaled 536,039 in 1969, with slightly more than 30 percent or 162,103 students in off-farm programs. Most States revised production agriculture courses to emphasize management and reorganized related subject units–soils, plant and animal nutrition, and agricultural mechanics–so that curriculums would permit instruction in both production agriculture and agribusiness.

The greatest upswing in agricultural enrollments occurred in postsecondary programs, showing a 43.3-percent gain over the 1968 postsecondary enrollments. Some 11,000 of the 15,816 students in postsecondary agriculture programs were enrolled in off-farm curriculums.

Programs for adult farmers and farm workers served 290,336 persons in 1969, about 15,000 less than in 1968. The courses with the largest enrollments were farm management and agricultural mechanics. Several States expanded adult farm-management programs to include computer training for recordkeeping, and teachers of adult programs in Virginia, North Carolina, and Alabama used closed-circuit television to supplement classroom instruction.

Vocational agricultural programs reached 35,729 disadvantaged and handicapped persons, of whom 11,470 were enrolled in off-farm occupational programs. Several States reported new programs specifically designed to serve the disadvantaged and handicapped. Oklahoma, for example, had 13 special schools which served 3,992 disadvantaged and handicapped students in 1969. New Mexico's 1,114 special needs students were served in six vocational agriculture departments, two of which were added in 1969. South Carolina reported that one-third of the student enrollment in vocational agriculture were classified as disadvantaged or handicapped. This State also reported new programs for these students at the secondary level.

Several States expanded vocational agriculture facilities or set up new agriculture department. New Mexico added two new secondary vocational agriculture departments to serve Navajo Indians; Arizona added two secondary departmental programs to train specifically for off-farm employment; and Oklahoma built 45 vocational agriculture facilities and remodeled 35 school facilities.

Health Occupations

In fiscal year 1969, public vocational education offered new health occupations and training programs and, in some instances, greatly expanded existing programs. The vocational health program served 175,101 youth and adults who received either short-term, job-entry training or technical preparation for careers as semiprofessionals in the health-medical occupations. The enrollment total for 1969 was 24 percent higher than the 1968 total.

Reports show that secondary curriculums were being changed in those States using the health occupations core guidelines. Ohio, Georgia, and Wisconsin were among the first States to use the "core" guidelines for entry-level job training programs and for career exploration programs. In 1969, core programs were offered in high schools in Oregon, Arizona, Kentucky, Massachusetts, Florida, Illinois, Indiana, and Pennsylvania. Several other States reported plans to use this program during fiscal year 1970.

High school cooperative and single-purpose programs for practical nurses and dental assistants increased during the year, and prevocational health-career programs were offered in junior and senior high schools. Illinois reported that 40 percent of the 1,317 high school students who completed health occupations curriculums in 1969 entered postsecondary health programs, and that most had planned to use their basic core training in part-time work. In Pennsylvania, secondary enrollments increased 150 percent during 1969, with enrollments in the dental assistant, practical nursing, and general health-assistant core programs accounting for the largest proportion of the percentage increase.

Trainees at the postsecondary level totaled 91,922, a 42.3-percent increase over 1968 enrollments. New postsecondary offerings included: medical emergency assistant, pharmacy assistant, psychiatric and mental health technician, hospital supply clerk, and geriatric-care aide.

Recruitment of licensed practical nurses for 2-year associate degree programs met with some success, especially when credit was given for previous training and experience. However, the high rate of academic failures and dropouts in the 2-year program prompted many States to include prevocational and prenursing courses for those who scored low on entrance tests, and remedial programs for students enrolled in the program but had low achievement levels.

The trend toward expanding health curriculums offerings continued. In 1969, more than 200 postsecondary institutions offered from 3 to 11 training programs in the health occupations. For example, Milwaukee Technical College offered training in the following occupations: health technician, medical office assistant, dental assistant, dental laboratory technician, certified laboratory technician, associate degree nurse, licensed practical nurse, inhalation therapy technician, nursing aide, medical secretary, and child-care aide.

All States conducted adult programs, serving 56,603 adults who made up 32.3 percent of the total enrollment in health occupations education. Several States conducted special programs to upgrade practical nurses who had been licensed by waiver. Upon completion of the program these workers are prepared to take the State's licensing examination to remove the waiver and become full-fledged licensed practical nurses (LPN). Massachusetts, which pioneered the program, and other States, including New York, Tennessee, Iowa, and Oklahoma, conducted these special programs.

Louisiana served 1,170 adults, most of whom were being trained for health-service jobs in preparatory courses. The medical center at Rio Pedras, Puerto Rico, trained 104 adults as clinic aides, hospital "guides," and hospital supply clerks.

Many States, in cooperation with health service agencies, developed new approaches to meeting the training needs of adults. Nevada worked with the community and family health services agency in planning programs for training home-health aides who were desperately needed in the State's urban and rural communities. Florida began programs for training nursing home personnel, and Illinois worked with its Health Career Council in developing short-term programs for workers in neighborhood health centers.

Persons with special needs were enrolled in a variety of health programs during 1969. Enrollees totaled 7,612, a 30-percent increase over 1968. Special classes served 3,369 and 4,243 attended regular classes. In Puerto Rico, nurses-aide training was offered to penetentiary inmates; one State trained blind students as health assistants; and several others offered medical laboratory training to physically handicapped persons.

The teaching staff grew 36 percent, from 6,521 in 1968 to 8,876 in 1969. The majority, 5,993 taught at the postsecondary level; more than 60 percent were employed full time. Forty-six colleges and universities conducted teacher-education programs in vocational health occupations for 2,318 enrollees. Of this number, 931 enrollees completed requirements for certification.

Office Education

Twenty-three percent of all vocational education students were enrolled in office education during 1969. This program reached 1,122,198 high school students, 218,448 postsecondary students, and 482,160 adults. Over 12,000 handicapped and disadvantaged persons received instruction in special classes, and 35,517 attended regular classes.

By level, enrollment in office occupations made up 27.5 percent of the secondary vocational enrollments, 29 percent of the postsecondary, 15.8 percent of the adult enrollments, and 8 percent of the enrollments in special needs programs.

Cooperative office education programs provided work experience for 57,635 students, some 3,000 more students than in 1968. In Georgia, 1,646 students participated in 78 cooperative programs. These students were employed in 167 different businesses and earned a combined total of $1,452,324. Of those completing the program and available for placement, 90 percent were employed in occupations for which they had been trained or in a related one.

Flexibility and new approaches to learning and teaching characterized office occupations education in 1969. Methodology included modular scheduling, giving emphasis to block-time programs, individualized instruction, and simulated programs for the hard-to-reach.

Ohio and New York provided cooperative office education and block-time programs for the academically handicapped. Colorado's postsecondary program used visual instructional materials to teach deaf students who had been placed in regular classes. A three-period, block-time program in clerical office procedures was conducted in Chicago for 2,255 academically disadvantaged students.

Simulated office education programs were developed in 15 counties of New Jersey. The State's mobile training units, equipped to demonstrate basic office skills, served migrant youth during summer months and high school students with special needs who were enrolled in regular classes. Arizona and Texas expanded bilingual office education programs, and California continued bilingual programs for youth and adults of Indian and Spanish ancestry.

Emphasis on training for the traditional office occupations changed to education for a career objective in fields related to business data processing systems, information communications, personnel, and supervisory and administrative management. However, the objective of training students for job entry in the office occupations still received more attention than career exploration and preparation for study at the postsecondary level.

Teachers of vocational office education totaled 37,923 in 1969, compared to 31, 428 in 1968. At the secondary level, 28 percent of the 18,011 full-time teachers were office educators. Teacher-training for office occupations education was conducted in 154 institutions by 503 teacher educators–285 full-time and 218 part-time teacher educators. Enrollees in teacher-training programs totaled 16,232, with 10,312 preservice enrollees and 5,920 inservice enrollees.

Home Economics

Home economics enrollments rose from 2,283,338 in 1968 to 2,449,052 in 1969. Students in gainful employment programs totaled 113,272, a 55.1-percent increase over 1968 "gainful" enrollments.

Secondary programs continued to serve the largest number of enrollees in vocational home economics. High school students totaled 1,670,347, of whom the majority were enrolled in food-service programs. The States also reported enrollment increases in child care and interior decoration.

Increased enrollments and course offerings at the secondary level were reported by several States. For example, all North Carolina high schools with 100 or more enrollees offered vocational home economics education, including the newly added family economics and consumer education programs. Ohio reported an additional 18,032 students in family living programs and in other programs of special interest to high school students. In the State of Washington, over 70 percent of the girls in grades 9 through 12 were enrolled in vocational home economics programs.

In Forsyth County, boys and girls identified as potential dropouts because of absenteeism were placed in classes limited to 15 pupils. All classroom activities were related to laboratory assignments in either home economics or industrial arts. Absenteeism declined 39 percent. The success of this program for potential dropouts influenced 13 other school systems in Georgia to start similar programs.

The greatest boost in enrollments occurred at the postsecondary level, from 4,395 in 1968 to 13,490 in 1969–a 206.9-percent increase. Of the 13,490 postsecondary students, 10,764 were in gainful home economics.

Some changes which contributed to the increased demand for home economics education programs included: flexible curriculums and scheduling; new approaches to reaching different population groups, particularly inner-city adults, high school students, and students with special needs; and additional programs for students interested in employment in the personal and community service occupations. The cost per student in occupational programs was more than twice the cost per student in homemaking programs, because training for gainful employment required additional services and equipment.

The Milwaukee Skills Center in Oregon, which serves three district high schools and offers homemaking programs, reported enrollment increases in the child-care program. In Missouri, enrollments in occupational home economics increased 41 percent over the previous year. Several States, including Mississippi, Colorado, Texas, Ohio, and Michigan, expanded their cooperative programs.

State reports indicated that community and junior colleges increased offerings in occupational home economics, and that enrollments grew rapidly in both useful and gainful home economics programs. The Portland Community College in Oregon offered a 1-year certificate or a 2-year associate degree in early childhood education. Wisconsin introduced a 1-year postsecondary program to train persons as home economists and child-care assistants, and expanded the associate degree program to include interior design and child care and development.

The number of adults served in home economics classes rose from 677,478 to 718,817, a 6-percent increase over the 1968 enrollments.

- Participation in the Connecticut adult programs grew steadily. Adults completing the "early childhood" program were employed as assistants in Head Start. Connecticut also offered classes in nutrition, family health, consumer interests, and home management skills for housewives.
- In Kansas, adult gainful home economics programs included courses in power sewing-machine operation, clothing alteration, tailoring, and drapery construction. The State also offered useful homemaking classes in clothing and tailoring, interior decoration, home management, and child development for rural housewives.
- Food-service supervisor programs were conducted for adults in Florida, Georgia, Oklahoma, and Tennessee and included job-placement services.
- Kentucky continued emphasis on developing urban and countywide programs for homemakers in need of special services, especially for parents who had children in Head Start. One region offered 16 classes, including

courses in health and nutrition, caring for the home, meal management, and children's clothing, for 235 of these parents.

- New York City launched a pilot program aimed at improving the homemaking and consumer skills of disadvantaged women. Individualized instruction and special events were part of the 5-day week class sessions, which were held in a typical inner-city apartment.
- Adults from 23 public housing projects in Puerto Rico and those in depressed rural areas attended classes in homemaking. A home economics training center was established in the new public housing developments at Ponce and San Juan.
- Homemaking education was offered in the parent-child centers in Atlanta, Ga., in cooperation with the Office of Employment and Opportunity, Model Cities, Community Action, and the United Fund Organization of Atlanta.
- A pilot program for adults on nutrition for the aging was conducted in Salt Lake City, Utah, in cooperation with Community Services.

Technical Education

The total enrollment in technical education programs rose almost 17 percent, from 269,832 in 1968 to 315,311 in 1969. Enrollment increases ranged from over 24 percent at the postsecondary level to 19 percent at the adult level. However, secondary enrollments fell 12.3 percent below the 1968 figure. The number of persons with special needs rose from 1,950 in 1968 to 4,501 in 1969, of which 1,200 attended special classes and 3,301 were served in regular programs.

Total expenditures for technical education programs increased from $87,779,000 in 1968 to $101,192,000 in 1969. The Federal expenditures increased 9.3 percent; State and local expenditures rose 17 percent.

Secondary enrollments continued to decline, down to 31,833 in 1969 from 36,286 in 1968. Many States now consider secondary training as preparation for postsecondary study and, therefore, no longer report high school enrollments in technical education.

During fiscal 1969, postsecondary enrollments reached a total of 130,564 students, a 24.6-percent increase over 1968 enrollments. Adult enrollees rose from 127,418 in 1968 to 151,714 in 1969. The majority was employed and had enrolled in technical education courses to update their skills or to learn new ones.

Only 27,332 women were enrolled in technical education programs. Scientific data processing programs accounted for some 11,000 women and electronic technology for over 1,000. States reported that the women who completed training as mechanical, civil, chemical, or electronic technicians usually found immediate employment.

Approximate enrollment figures show the most popular technical programs in 1969:

Electronics Technology	75,000
Scientific Data Processing	36,000
Mechanical Technology	32,000
Architectural Technology	16,000
Electrical Technology	14,000
Civil Technology	14,000
Police Science Technology	8,000
Commercial Pilot Training	6,000
Industrial Technology	6,000
Oceanographic Technology	4,000
Automotive Technology	4,000
Chemical Technology	3,800

Police science, marine science-oceanography, and commercial pilot technician programs—the new emphases in technical education programs—were requested by both students and administrators. Other popular programs were environmental and ecological education, which had enrollments of over 2,500, forest and wildlife conservation, and fire science and fire prevention.

Enrollment and program growth in technical education may be attributed to the planning and surveys undertaken in many States following the passage of the 1963 Act. Experience shows that at least 2 years of planning must precede enrollment in a postsecondary technical program. It takes a year for program administrators and advisory committees to examine local and regional job-market demands and determine the training needs of the people in a given area. The second year is used for staff training and development, acquiring facilities and equipment, and public relations.

Youth Organization Activities

In addition to participating in extracurricular activities open to all high school students, enrollees in vocational programs are eligible for membership in the following youth organizations: the Future Farmers of America (FFA), the Future Homemakers of America (FHA), the Distributive Education Clubs of America (DECA), the Vocational Industrial Clubs of America (VICA), the Office Education Association (OEA), and the Future Business Leaders of America (FBLA).

The *Future Farmers of America,* the oldest of these organizations, had a membership of 449,457 in 8,281 high school chapters in fiscal year 1969. More than

10,000 members attended the 3-day national convention in Kansas City, Mo., at which an award for outstanding accomplishment in vocational agribusiness was presented for the first time. In addition, 450 State and local chapter officers participated in four 1-week leadership and citizenship conferences in Washington, D.C. FFA officers continued efforts to strengthen the business-industry and agriculture partnership through the annual coast to coast, good-will tour.

The organization expanded its international exchange program to include FFA Work Exchange Abroad (WEA). This program placed 27 American students on farms and in agribusiness programs in eight European countries, and 13 European students from five countries with American "host families" for on-farm work experience. FFA members also helped Panama and the South Vietnamese to organize a Future Farmer youth group. Representatives of the South Vietnamese Ministry of Education attended the 1969 FFA Convention.

The *Future Homemakers of America*, the largest high school vocational group, totaled 603,907 members in 11,901 chapters. State reports showed that:

- 413 of the chapters were in 35 metropolitan cities with populations over 350,000.
- More than 800 male students joined the FHA in 1969, increasing male membership at the secondary level to approximately 4,000.
- FHA achieved 100-percent State affiliation in 1969 with the addition of Rhode Island. Other chapters affiliated with national FHA headquarters are in the Virgin Islands, the Canal Zone, and in the American Overseas Schools in Germany, Iran, and Japan.

The most significant FHA activity in 1969 was the development of a 4-year national program of work. Its two major objectives were (1) to help strengthen family and community life and (2) to help youth understand today's social problems and to contribute to the solutions. The theme of the 1969 National FHA meeting was "Action for Accomplishment," which focused on interpreting and putting into action the 1969-73 national program of work.

The *Distributive Education Clubs of America* provide high school and postsecondary students opportunities for leadership development. Chapter activities complement instruction and encourage cooperation between the school and business community.

In 1969, membership in DECA's 2,935 high school chapters totaled 84,953 students or 45 percent of the enrollments in secondary distributive education. Although some States restricted membership to high school seniors, or to students enrolled in cooperative distributive education programs, approximately 84 percent of the 12th-grade distributive education students were DECA members.

The States reported 185 postsecondary DECA chapters with 4,640 members, an increase of 920 over the 1968 membership. The postsecondary organization, still relatively new, began developing special activities in 1969 which included its first national leadership conference.

DECA started two national projects in 1969: (1) a pilot project to determine the influence of a national youth group on unemployed ghetto youth; and (2) teenage shopping centers, financed by local investors, in which distributive education students would be jobholders and shareholders.

The *Vocational Industrial Clubs of America*, composed of school-age youth enrolled in trade and industrial programs and organized in May 1965, had 82,451 members in 1969. The Illinois Association of Vocational Industrial Clubs of America had 111 clubs with a membership of 3,197 students in 1969, a 17-percent boost in the number of clubs and a 32-percent membership increase over 1968. Within fiscal year 1969, Colorado's high school clubs grew from 17 to 25 and membership increased from some 300 to more than 700.

Student members of the *Office Education Association* and the *Future Business Leaders of America* gain work experience related to their vocational study and receive opportunities for leadership development through personal contact with representatives of the business community.

Delaware organized a State OEA during 1969, Idaho reported its first secondary school chapters, and Illinois organized an OEA State advisory council which developed guidelines for OEA youth activities. In Texas, each secondary vocational office program was encouraged to organize a local OEA chapter and to include activities related to community understanding, safety and health habits, student recruitment, public relations, career development, fund raising, self-improvement, and cooperation with other youth groups.

Future Business Leaders of America in Connecticut sponsored a leadership workshop and a statewide conference. The FBLA in Maryland operated as an intracurricular activity to promote the total vocational-technical program and provide a base for the continued growth and expansion of vocational education in Maryland.

SUPPORTING SERVICES

Total expenditures for ancillary services, excluding construction and work study, increased from $973,707,388 in 1968 to $1,152,121,442 in 1969. Table C shows the breakdown by function and percentage distribution for fiscal years 1968 and 1969.

Curriculum Development

Progress in curriculum revision and development varied from State to State, but the methods used by the States may be generally classified as follows:

- State education departments added professional curriculum specialists who work with teachers and administrators at local, area and State levels to revise and develop curriculum materials.
- State supervisors of vocational education services worked with selected groups of teachers in revising curriculum materials.
- Specially qualified persons were employed by State education departments as consultants to develop scientific curriculum materials.
- Curriculum development centers operated as divisions within the State departments of education.
- State departments of education supported curriculum laboratories operating at selected universities, either as specialized service centers or as parts of the teacher education services of the universities.
- Workshops for curriculum revision and development were conducted in a number of States as an integral part of the teacher-education program or as a State education department activity.
- Patterns for cooperative action in curriculum revision and development in the States included involvement of members of professional associations, consultants from business and industry, professional personnel from colleges and universities, teachers from local school districts, State education department personnel, and members of advisory committees.

Among the States reporting major curriculum revisions were California, Florida, Georgia, Kentucky, Minnesota, New York, and Ohio. Wisconsin organized a State advisory committee for curriculum development. Local advisory committees were organized to help educators to develop and evaluate curriculum, improve facilities and equipment, and conduct public relation activities. Texas requested that local advisory committees be established to assist in updating program offerings in all schools conducting vocational programs.

Oregon prepared and disseminated manuals for secondary curriculum clusters: clerical, stenographic, accounting systems, health occupations, building construction, marketing, agriculture, food service, mechanics, and electrical-electronics. Other States, including Alabama, Maryland, and Illinois, also developed occupational-cluster curriculums for secondary programs.

States sponsored curriculum development workshops for teachers and distributed new and revised curriculum and course guides to secondary teachers and administrators. Curriculum materials produced by the State staff, teacher-educators, and teacher staff at the curriculum laboratory in Tennessee included 25 course guides for teachers.

Many States revised curriculums to reorient training for specific occupations in business-distributive education, trade and industry, home economics, and agriculture. A secondary curriculum offering home economics programs in *Food and Nutrition, Clothing and Textiles, Housing and Management,* and *Family and Child Development* was completed. Arkansas updated course outlines for Agriculture I and II programs, and Kentucky developed a curriculum for forestry. Basic materials were developed by Louisiana for off-farm agriculture programs

Table C
Total Expenditures by Function and Percentage Distribution (Excludes Construction and Work Study): Fiscal Years 1968 and 1969

Function	*FY 1969*	*Percentage Distribution*	*FY 1968*	*Percentage Distribution*
TOTAL	$1,152,121,442	100.0	$973,707,388	100.0
Administration	83,811,037	7.3	73,679,256	7.6
Supervision	21,315,407	1.8	19,279,942	2.0
Teacher Education	20,552,426	1.8	18,690,333	1.9
Instruction	923,325,739	80.1	759,343,730	78.0
Research	7,709,925	0.7	9,139,519	0.9
Instructional Equipment	69,299,284	6.0	74,708,998	7.7
Vocational Guidance	26,107,624	2.3	18,865,610	1.9

at the secondary level, including farm mechanics as basic to dairy production and ornamental horticulture. North Carolina revised three course guides *Pulp Production, Forest Management,* and *Agricultural Sales and Services* and developed course outlines and supporting teaching materials in home landscaping, pesticides, farm equipment management, and farm recordkeeping for adult programs.

Media centers were set up to provide new and improved secondary curriculums for trade and industry in industrial mechanics, metals, electricity-electronics, and industrial woodworking. Trade and industrial teachers in Georgia contributed 14 curriculum guides for various specialized training programs now available in the State.

Several States developed new curriculums or revised curriculums for distributive education. Ohio developed a project which placed emphasis on identifying career levels and produced nine manuals for teachers. Fifty coordinators in Virginia developed *A Participation Activities Manual* for students and teachers. The manual supplements a suggested curriculum for job-entry preparation at the 10th-grade level.

Iowa's Research Coordinating Unit conducted a "survey of instruction" in the State's distributive program, and secondary teacher-coordinators cooperated with the University of Northern Iowa in curriculum development and the preparation of audiovisual material. The Texas Instruction Materials Laboratory published *Project Assignments in Preemployment Laboratories* to support expansion of project-method training, and completed a guide, *Data Processing in Distribution,* for high school and junior college programs.

The States also reported increased activity in curriculum development at the postsecondary level. Georgia revised postsecondary curriculum guides in *Child Development* and *Food Services* and developed and field-tested seven technical education curriculum guides. Other States reporting postsecondary curriculum activities included New York, California, New Jersey, Kentucky, Florida, and Ohio. Emphasis on postsecondary curriculum improvement and revision in the majority of States was attributed to the expansion of vocational-technical programs in junior and community colleges.

The following technical education publications, developed by the Division of Vocational and Technical Education, U.S. Office of Education, became available for distribution in 1969.

1. *Criteria for Technician Education, A Suggested Guide, OE-80056.* Useful to Federal, State and local administrators of technical education programs, advisers and teachers, teacher-educators, employers, accrediting agencies, and others concerned with technician education. It describes the types of technicians and the related work; special problems in defining, initiating, and operating programs; the use of advisory committees; the library and its required facilities; the facility; student selection and services; and the curriculum.
2. *Food Processing Technology, A Suggested 2-Year Post High School Curriculum, OE-82016.*
3. *Metallurgical Technology, A Suggested 2-Year High School Curriculum, OE-81012.*
4. *Water and Wastewater Technology, A Suggested 2-Year Post High School Curriculum, OE-80057.* (Published jointly by the Department of Health, Education, and Welfare, U.S. Office of Education, and the Department of the Interior.)
5. *25 Technical Careers You Can Learn in 2 Years or Less.*

Professional Development

Teacher-training programs and continuing inservice training for professional development are crucial to the development and expansion of instructional programs. During 1969 concerted effort was made by States to prepare and upgrade professional personnel, increase expenditures for teacher education, and update teaching techniques.

Expenditures for teacher education totaled $20,552,426, a 10-percent increase over 1968 expenditures. Likewise, the number of vocational teachers increased, growing from 146,552 in 1968 to 166,898 in 1969 (see Table D).

The growth in student enrollments stimulated commensurate teacher-training activity and intensified teacher-training recruitment. Office, trade, and technical education recruited competent personnel from the ranks of business and industry. States with sufficient personnel reported considerable movement to areas where the demand was greater. Home economics, distributive education, health, and agriculture intensified recruitment efforts.

Teacher education and professional development programs, including related training for guidance counselors, were offered in 301 different colleges and universities, and taught by 1,203 full-time and 2,120 part-time teacher-educators. Preservice trainees totaled 58,324 and inservice trainees totaled 52,350. Of the 25,294 persons completing requirements, 18,735 prepared for secondary-level teaching, 3,083 for postsecondary teaching, and 3,476 for adult-level teaching (see Table E).

Table D
Number and Distribution of Teachers of Vocational Education Classes, By Level of Class
Fiscal Year 1969

Level of Education (1)	*Number* (2)	*Percentage Distribution* (3)
Total Teachers (Unduplicated Count)	166,898	–
Total Teachers of Vocational Classes	194,192	100.0
Secondary:	84,245	43.4
Full-Time	64,614	33.3
Part-Time	19,631	10.1
Postsecondary:	36,607	18.8
Full-Time	22,234	11.4
Part-Time	14,373	7.4
Adult:	66,434	34.2
Full-Time	2,477	1.3
Part-Time Secondary	18,487	9.5
Part-Time Postsecondary	5,615	2.9
Part-Time Other	39,855	20.5
Special Needs:	6,906	3.6
Full-Time	2,122	1.1
Part-Time	4,784	2.5

Table E
Teacher Training in Vocational Education, By Program
Fiscal Year 1969

Vocational Program	*Institutions*	*Teacher Trainers*		*Enrollees*		*Completed Requirements*			*Number Placed*		
		Full-Time	*Part-Time*	*Pre-Serv.*	*In-Serv.*	*Sec.*	*Psec.*	*Adult*	*Sec.*	*Psec.*	*Adult*
TOTAL (Unduplicated)	670	1,203	2,120	58,324	52,350	18,735	3,083	3,476	11,054	2,087	1,604
Agriculture	78	184	70	6,269	5,233	1,548	23	132	998	24	49
Distribution	82	65	99	2,516	4,110	1,386	120	338	853	118	245
Health	46	17	92	199	2,119	195	513	223	93	316	62
Home Economics	205	309	232	22,812	7,431	6,686	49	249	3,755	14	146
Office	154	285	218	10,312	5,920	3,777	185	346	2,626	174	97
Technical	47	79	164	1,858	3,354	580	920	569	323	296	91
Trades and Industry	100	216	1,155	10,092	21,811	3,542	1,242	1,563	2,018	1,097	900
Other	5	1	16	354	396	283	0	0	50	20	0
Special Needs	6	4	3	51	401	257	13	7	251	13	7
Guidance	70	142	172	5,792	2,206	1,114	32	153	850	25	78

Total number of different institutions–301

The demand for teachers still exceeds the supply. States reported shortages of qualified teachers for health, distributive education, technical education, and for special needs programs. In addition, vacancies existed in State staffs, teacher-education institutions, and in administrative and supervisory positions at the local level.

Alabama planned a series of leadership development conferences to upgrade its State staff. It also planned to reorganize the State department of education, including the division of vocational education. Oklahoma State University held a workshop for administrators and prospective administrators or area vocational schools;

Tennessee conducted leadership conferences for State employees and orientation sessions for new staff. Several States also employed teacher-education coordinators to improve preservice and inservice training programs.

Programs for persons who were proficient in an occupation but lacked formal teaching skills were started in several States. Oklahoma State University employed a health occupations educator to conduct teacher-training programs for persons in the health services who could qualify as teachers. Oklahoma also permitted persons who had successfully taught trade and industrial programs for 3 years to take an advanced-standing examination for which they would receive 24 hours of college credit. Teacher-educators graded the written tests and a group selected from industry evaluated the skills test. The Rochester Institute of Technology trained 15 new instructors for engineering technology programs.

Alaska's summer institute retrained teachers with at least 2 years of classroom experience in electronic data processing and computer programming, developed suggested course units and teaching guidelines, and helped administrators to set up courses in data processing in their schools.

Teacher-training programs in technical education and trade and industry were conducted at Northern Montana College. New York held a State conference for directors and teacher-educators from the 11 State institutions that prepare home economics teachers to consider current trends in education and their implications for the State's vocational and teacher-training programs.

Preservice and inservice programs for several occupational categories focused on practical experience. For example:

- Nineteen Texas colleges and universities arranged for prospective home economics teachers to work with low-income families, teach gainful employment programs, and participate in interdisciplinary community programs for adults. Increased emphasis was placed on consumer education, management, housing, and human development. Twelve of the 19 institutions were involved in self-appraisal, followup, and major curriculum-revision studies.
- Ohio sent agriculture teachers to work in selected agribusinesses for 2 weeks.
- Puerto Rico placed several teachers in industry to gain a semester of practical work experience.
- Utah included monthly visits to industry in the inservice training program for guidance counselors to acquaint them with current job opportunities and requirements.
- Automotive teachers in Colorado received college credit for study at the General Motors Institute Workshop.
- California expanded and refined its inservice programs, using workshops, seminars, conferences, multimedia training packages, and programmed instruction to meet a variety of training needs. The State also developed and distributed a "Learn to Work" package on employment opportunities in home economics; the package contained a set of color-slides, a synchronized taped track, and an assortment of printed information.

Many States conducted inservice workshops and conferences for teachers and vocational coordinators. A 3-week workshop for distributive education teachers was held at the University of Rhode Island, followed by a coordinator's workshop in which all distributive teachers participated. Oregon State University offered a 2-week workshop for health occupations instructors and supervisors on program planning and operation at the secondary level. The annual summer workshop in Massachusetts attracted nearly 1,000 vocational teachers. Special attention was given to upgrading teachers of evening courses in practical arts, and teachers of trade and industrial education, adult programs, distributive education, and agriculture.

A series of five inservice workshops were conducted in Washington State for administrators, counselors, and teachers who received credit after completing a project on occupational information or career planning in their schools. As a result, some constructive changes were made in guidance, career planning classes were begun in high schools and community colleges, and units in career planning were used in English and social science curriculums.

Facilities

The effectiveness of vocational-technical education is dependent, to a large extent, on the quality, quantity, and use of vocational facilities.

During fiscal year 1969, Federal, State, and local funds totaling over $307 million were committed for 345 construction projects. Federal support for these projects came from the Vocational Education Act of 1963, the Appalachian Regional Development Act of 1965, the Economic Development Act of 1965, and the Coastal Plains, Four Corners, New England, Ozarks, and Upper Great Lakes Regional Development Commissions.

Table F shows construction expenditures by source.

Federal funds, $27,341,726, from the Economic Development Act of 1965 were committed for 54 projects in 20 States and Puerto Rico. Funds from the

Table F
Total Construction Expenditures for 1969, By Source

Source	*Federal*	*Combined State & Local*
Vocational Education Act of 1963	$ 50,909,869	$165,725,212
Appalachian Act of 1965	42,243,349	
Economic Development Act of 1965	27,341,726	20,921,537*
TOTALS	$120,494,944	$186,646,749

*Not included in construction figures in the Appendix.

Appalachian Act, $42,243,349, supported 75 projects in 13 States.

If construction trends remain unchanged, the vocational education program will lack facilities to accommodate the projected student enrollment for 1975. Vocational educators must consider alternatives, such as–

- Using different time frames for courses.
- Streamlining programs.
- Expanding cooperative education programs.
- Increasing involvement with business and industry.
- Clustering occupations.
- Applying new approaches to curriculum content.
- Developing or expanding team teaching.
- Using existing facilities to the maximum.

Guidance and Counseling

The combined State, local and Federal expenditures for vocational guidance and counseling increased from about $18.9 million in 1968 to about $26.1 million in 1969. Federal support for these services dropped from $4,390,861 in 1968 to $4,146,904 in 1969, but combined State and local expenditures increased from $14,474,749 to $21,960,720.

Steady progress was made in extending and improving guidance and counseling services, including occupational orientation and exploration, student appraisal, placement, and followup for "non-college-bound" students, out-of-school youth and adults, and the disadvantaged and handicapped.

Gains in guidance personnel were small, growing from 6,544 in 1968 to 6,674 in 1969. Nearly 36 percent of the local positions reported for 1969 represented part-time assignments to guidance activities, involving many vocational education teachers.

Nearly all States strengthened or developed new activities concerned with curriculum modification for career development, job placement and followup, and conferences and workshops on counselor education and evaluation. All efforts were calculated to reach students in high school and postsecondary institutions as well as youth and adults in the labor market who need vocational guidance.

At the Federal level, the Division of Vocational and Technical Education cooperated with the University of Missouri in planning and conducting a program of work to stimulate nationwide interest in career guidance, counseling and placement. Phase I included a national conference on Guidance, Counseling, and Placement in Career Development and Educational-Occupational Decisionmaking, scheduled for fall 1969. Participants at followup conferences in each HEW region would refine the recommendations made at the national conference, to provide a basis for a handbook on organization and management of career guidance, counseling, and placement programs. The handbook would be addressed to vocational educators and administrators.

Research

In 1969 the U.S. Office of Education spent $11,570,000 under section 4(c) of the 1963 Act to finance 134 research and development grant projects. Over 90 percent of this amount funded 121 on-going projects and the remainder, $813,000, went toward funding 13 new projects.

Support for individual projects in the "general research" category accounted for 71.8 percent of the section 4(c) funding; 47 State Research Coordinating Units (RCU's), 12.5; and the national centers for research and development at Ohio State University and North Carolina State University, 15.7. These project categories were funded through grants to 51 colleges and universities, 44 State departments of education, 22 local educational agencies, and 17 nonprofit agencies.

Individual or general research projects included:

- A 2-year curriculum in electromechanical technology for training persons as computer and business machine technicians.
- A teacher's manual on the operation, maintenance, and repair of air-cooled gasoline engines.
- An occupational opportunities and labor-market trends for junior high school students.
- Dissemination of multimedia training materials, guides, and bibliographies for training programs funded under the Education Professions Development Act.

- "New Careers" projects to identify employment opportunities and skill requirements for job entry and advancement in the personal and public service occupations; and projects to identify technical skill requirements for career opportunities in the electromechanical, biomedical equipment, nuclear-medical, electro-optical, and other technologies emerging from new industries and services.
- Program evaluation models for large-city school systems, and a model at the State level for vocational program planning and budgeting.
- Design and validation of an evaluation system for local vocational education programs.
- Cost-benefit and cost effectiveness analyses of vocational programs and use of teacher aides.

Long-term research projects continued during 1969. Project TALENT, for example, sponsored by the American Institutes of Research, received both vocational and cooperative funds to continue research designed to test career development and vocational maturity theories of the 1960's. The project's goal includes 1- and 5-year followup studies, based on information compiled on a 5-percent sample of the Nation's 1960 high school population. During 1969, Project TALENT completed a 5-year followup study on persons who were 10th graders in 1960.

In addition to research development, the national centers at the State universities in Ohio and North Carolina provided technical assistance to States and sponsored leadership development conferences. The State RCU's developed and refined research procedures, set priorities, stimulated new research, and disseminated the findings of local school systems and of other agencies engaged in vocational education research.

Although States received no Federal support specifically for research activities, 32 States and Puerto Rico spent a total of $2,969,302 from their vocational program allotments, plus $4,740,623 from State-local sources, for research activities.

New Jersey spent over $1.5 million of its vocational allotment, Pennsylvania and Indiana each spent over $200,000, and Puerto Rico used $170,000 of its vocational allotment for research. The lowest amount expended was $287.

In information collection and dissemination, several States started microfiche/document libraries of research materials and others developed computer-based research and resource information systems. All used the Educational Resources Information Center (ERIC) microfiche collection. Some States, including Minnesota and Arkansas, developed automated systems for followup studies on vocational education students who had left school. Colorado reported development of a statewide followup system.

The disadvantaged continued to receive attention. Studies and projects tended to concentrate on local problems. Colorado provided tutors for migrant youths in postsecondary programs. Illinois funded a project to motivate students to complete high school in which a social worker will assist and advise students through field trips, parental and community contacts, and activities in and out of class. Another Illinois project provided classroom experiences in a learning center and a survey of various occupations for students who were underachievers in reading. A New Jersey pilot distributive education project for boys in correctional institutions used classroom instruction and cooperative on-the-job training. Major problems were transportation and job placement for boys under 16 years of age.

Career education activities, which provide exploratory experiences and occupational information, were reported by several States. Although these activities were not widespread in 1969, new career education programs were included in the research and development efforts of States and ongoing programs such as North Carolina's *Introduction to Vocations* for junior high school students were being started by other States.

Arkansas adapted a home economics course, "Preparation for the World of Work," to a general exploratory course for junior high school girls. For one of four courses which introduced junior high school students to the world of work, Colorado used educational television. Kentucky's interdisciplinary program offered students exploratory experiences in agriculture, business and office, distributive, and home economics education.

Minnesota funded some basic research into "Use of Simulation Material for Creating Occupational Awareness for Non-College-Bound Persons." New Jersey continued its nationally known Technology for Children project which gives elementary children a look at the world of work through hands-on experiences and enhances learning in the normal disciplines by capitalizing on student interest. This State also developed, as part of the Technology for Children project, 47 Learning Episodes and 4 subject areas and 7 grade levels. Each episode provided a detailed curriculum and guidelines for the teacher.

Florida continued implementation in Brevard County of the Introduction to Vocation program for junior high students, which had been developed in North Carolina. A pilot project evaluated the effect of this elective on ninth graders. In Georgia, Waycross Area Vocational

School held a summer program to orient students to clusters of occupations. Students also were provided training for semiskilled jobs within a specific occupation.

Manpower Reporting

Cooperative efforts between government, labor, and educational agencies at the Federal, State, and local levels were continued in 1969. There was also an increasing interchange of information between State employment services and vocational education agencies. At the national level, joint efforts resulted in the issuance of forms and a technique for supplying manpower and occupational information to vocational educators by the Department of Labor. The Department of Labor report, *Manpower Requirements in Occupations for Which Vocational Education Prepares Workers,* estimated the number of workers needed each year through 1975 in occupations for which vocational education offers preparatory programs.

Efforts were continued during fiscal 1969 to relate manpower and occupational information to vocational education programs and develop tools to assist vocational educators in planning, developing, and evaluating programs. *Vocational Education and Occupations* (OE-80061), published jointly by the Office of Education and the Department of Labor, provided a means for planning and evaluating occupational education programs. The publication also offered suggestions for designing curriculum content, planning education facilities in relation to job market needs, summarizing information on manpower resources and requirements, and improving guidance, counseling, and placement services.

CHAPTER III
MANPOWER TRENDS

A high school student trains for gainful employment in clothing services.

Chapter III: Manpower Trends

One of the greatest problems in education today has grown from the belief that a college degree is the passport to happiness, success, and a good measure of security. This belief has caused the public school system to bypass those who cannot or do not aspire to a college education, leaving many unprepared for achieving and living in a work-oriented society.

School retention data compiled by the Office of Education, and reported on in the May 1970 issue of *American Education,* showed that young people are staying in school longer than ever before. The proportion of young people who graduated from high school rose during the past decade from less than two-thirds to more than three-fourths.

About 96 percent of the fifth-graders in the fall of 1961 reached the ninth grade, 86 percent reached the 11th grade, 76 percent received high school diplomas in 1969, and 45 percent entered college in fall 1969. However only 22 percent are likely to earn 4-year degrees in 1973.

These facts pointed up the urgent need for including occupational exploration and preparation in the total educational experience of each student. Basic job-entry training in high school, work experience, and preparation for postsecondary study provide optional ways to learn, especially for the non-college bound, and a choice to reenter the educational system for more learning and retraining.

THE OCCUPATIONAL PICTURE

A multitude of exciting jobs or careers exist, and will emerge, that offer income equal to or greater than many jobs which require a baccalaureate degree.

What kinds of jobs will be available between 1970 and 1980? What fields are the most promising?

In general, job opportunities will be greater in the service-producing industries than in the goods-producing industries. Service-producing industries are expected to grow at the rate of 35 percent, from about 44.2 million workers in 1969 to 59.5 million in 1980. Workers in goods-producing industries are expected to increase from more than 27.5 million to nearly 30 million by the end of the decade, a growth rate of over 10 percent. However, certain industries in both sectors will no doubt grow at a faster rate than others.

Service Industries

Trade is the largest division within the service-producing industries. Wholesale and retail outlets have multiplied in large and small cities to satisfy the needs of a growing urban society. Employment in trade was about 14.1 million in 1968 and is expected to grow 25 percent by 1980. Although the volume of merchandise to be distributed will increase commensurate to population growth and consumer expenditures, the demand for manpower will decrease because of labor-saving technology—electronic data processing equipment, automated warehousing equipment, self-service stores, and vending machines.

Government has grown faster than any other division of the service-producing industry, expanding by 5.5 million to 11.8 million employees between 1947 and 1968. The number of State and local employees increased more than 150 percent during this time, with employment growth being the greatest in agencies concerned with education, health, sanitation, welfare, and protective services. However, the Federal Government employed about 45 percent more people than State and local governments in the 21-year period.

Government will continue to be a major source of new jobs through the 1970's. By 1980, projections show that 42 percent more people may be employed in all types of Government jobs than were employed in 1968. Employment needs in 1980 at State and local levels may require the services of 13.8 million workers, about 52 percent more workers than the 9.1 million employed in 1968. Employment in the Federal Government is expected to rise slowly, reaching about 3 million workers in 1980 as compared with the 1968 level of 2.7 million.

Job opportunities in the service and miscellaneous industries have been on the upswing in the maintenance, repair, advertising, domestic, and health-care occupations. Between 1947 and 1968, total employment in these service occupations doubled–rising from slightly more than 5 million to about 10.6 million workers. By 1980 more than 5 million additional workers may be employed in these services.

Transportation and public utilities jobs are expected to increase slowly through the 1970's, and employment trends among the individual industries within this employment category will differ widely. Rapid employment growth is anticipated in the air transportation industry, but the job opportunities in the railroad industry no doubt will continue to decline. Little or no change in employment trends is expected in water transportation and electric, gas, and sanitary services. Overall, employment in the transportation industries and in public utilities will probably increase to more than 4.7 million persons in 1980, 10 percent above the 1968 level.

Employment in finance, insurance, and real estate–the smallest divisions of the service-producing industry–has increased more than 90 percent since World War II, from nearly 1.8 million in 1947 to nearly 3.4 million persons in 1968. Workers in the finance-service occupations, such as bank tellers, credit agency personnel, and security exchange brokers, are expected to reach 4.3 million in 1980 or about 25 percent more workers than in 1968. Employees in banking and credit agencies will account for nearly 40 percent of the total workers in the finance-service division.

Goods-Producing Industries

Employment in the goods-producing industries–more than 27.5 million workers in 1968–has increased slowly in recent years. Job opportunities in the goods-producing industries are expected to increase to about 30 million persons in 1980, a 10-percent rise above the 1968 level. However, employment trends and needs in the major divisions–agriculture, mining, construction, and manufacturing–will differ.

- Agricultural production provided jobs for only 5 percent of the labor force, or 3.8 million workers in 1968. Employment is expected to decline 21 percent between 1968 and 1980 because of mechanization and improved methods of agricultural production and processing.
- Jobs in the mining industries, which were filled by 610,000 workers in 1968, are expected to decline about 10 percent by 1980 because of labor-saving, technological changes. Slight employment increases are expected in quarrying and nonmetallic mining, but will not offset the employment declines in coal mining, crude petroleum, and natural gas industries.
- Government expenditures for urban renewal, school construction, and highways are likely to stimulate job growth in the construction trades, upping the level of employment from 3.3 million persons in 1968 to 4.6 million in 1980.
- Manufacturing, the largest division of the goods-producing industries, is expected to increase employment about 11 percent during the 1970's or from 19.8 million workers in 1968 to 21.9 million in 1980.

CHANGING MANPOWER DEMANDS

In 1956, for the first time in the Nation's history, white-collar and service workers outnumbered blue-collar workers. This shift reflected the expansion of occupations in the service-producing industries, which employ the largest proportion of white-collar and service workers.

Projections for the 1970's show continued increases in white-collar employees, less than average increases in blue-collar employees, above the average for service workers, and a continuing decline of farm workers. Between 1968 and 1980 total employment is expected to increase about 25 percent. However, the estimated 36-percent growth in white-collar jobs as compared to a 13-percent increase in blue-collar jobs means that in 1980 more than one-half of all workers will be employed in the white-collar or service jobs.

- Professional and technical workers, a group of more than 10.3 million in 1968, will be the fastest growing group between 1968 and 1980. Demand for persons trained in the social, physical, and applied sciences, and for needed technicians and support workers probably will raise the 1980 level of employment to more than 15 million.
- Managers and proprietors totaled about 7.8 million persons in 1968. As a group, they will increase more than one-fifth between 1968 and 1980, somewhat slower than the rate of growth for all occupations. Demands for salaried managers are likely to continue because of the need for employees with managerial skills

in business and government. On the other hand, the number of self-employed managers will drop during the 1970's as larger businesses increase.

- The demand for clerical workers, who numbered 12.8 million in 1968, is expected to increase about one-third between 1968 and 1980.

- Sales workers, accounting for about 4.6 million of the total workers in 1968, will increase by nearly 30 percent by 1980. Rapid population growth, new product development, business expansion, and rising volumes of business sales and services will open up new employment opportunities for sales workers.

- Craftsmen, numbering about 10 million in 1968, are expected to increase nearly one-fourth by 1980, somewhat slower than the growth of all occupations.

- Semiskilled workers (operatives) made up the largest major occupational group in 1968. Nearly 14 million workers were engaged in assembling goods in factories; driving trucks, buses, and taxis; and operating machinery. Employment for these workers is anticipated to rise about 10 percent above the 1968 level, despite continuing technological advances which will reduce employment in some of the semiskilled occupations.

- Employment of laborers (excluding those in farming and mining), who numbered nearly 3.6 million workers in 1968, is expected to change little between 1968 and 1980.

- Service workers totaled about 9.4 million in 1968. The size of this diverse category of workers will expand about 40 percent between 1968 and 1980 and, next to professional workers, will be the fastest growing occupational group. The service occupations may be divided into two broad classifications: human services and municipal services. Human services are concerned with the individual and his betterment, and include education, health, and social service. Municipal services involve guardianship, maintenance, sanitation and transportation, regulatory services and records, urban development, parks and recreation, public safety and correction, and other community services.

Vocational education planners should not eliminate certain programs solely because they do not seem to be tied closely to the "growth occupations." Although growth may be a key indicator of future job outlook, more jobs will be created from deaths, retirements, and other labor force separations than from employment growth between 1968 and 1980. Although the number of all workers and jobseekers will increase about 25 percent from 1968 to 1980, young men and women between 16-34 will account for about two-thirds of the net increase in the labor force for that period. Thus, in the 1970's this group will become the dominant element in the labor force. Those with vocational skills and a good basic education will have little difficulty in finding and holding jobs suited to their abilities and interests.

The continuing emphasis on higher education may decrease the flow of manpower to the skilled crafts. This, together with the high esteem in which white-collar occupations are held, may make it increasingly difficult to fill blue-collar and service jobs. Whether or not this situation materializes depends largely on:

1. A shift in attitude toward higher education to the extent that youngsters who do not want to go to college will receive vocational guidance and preparation for employment.
2. The removal of all discriminatory policies related to job entry and advancement.
3. Adjustments in salary, fringe benefits, and working conditions in the vocational-technical occupations.
4. The availability of career-development programs which provide advancement opportunities to those who enter the nonprofessional occupations.

The redirection of public vocational education set in motion by the 1963 Act, and moved forward by the 1968 Amendments (effective in fiscal year 1970) should greatly strengthen the occupational preparation received by young people who will not or cannot enter college. The goal of all vocational education is to reduce the flow of unskilled, ill-prepared youth into the labor market and to diminish the need for costly, and often ineffective, remedial programs.

APPENDIX

APPENDIX: STATISTICAL TABLES, FISCAL YEAR 1969

These titles describe information listed in each table, by State, unless otherwise indicated. The term "State" usually means the 50 States of the Union, the District of Columbia, Guam, Puerto Rico, the Virgin Islands, and American Samoa.

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Table 1

TOTAL ENROLLMENT IN VOCATIONAL EDUCATION CLASSES, BY TYPE OF PROGRAM AND BY STATE FISCAL YEAR 1969

State (1)	Total (2)	Agri-culture (3)	Distri-butive (4)	Health (5)	Home Economics (6)	Office (7)	Technical (8)	Trades & Industry (9)	Other (10)
Total	7,979,366	850,705 1/	563,431	175,101	2,449,052	1,835,124	315,311	1,720,859 2/	69,783
Alabama	133,990	43,156	5,145	2,535	41,036	11,960	2,347	27,811	-
Alaska	9,741	45	974	79	1,664	5,341	273	1,365	-
Arizona	68,825	3,397	12,209	1,804	23,809	10,785	5,573	11,248	-
Arkansas	94,902	27,305	4,309	1,734	38,080	5,878	577	17,019	-
California	944,102	32,718	99,010	25,301	164,299	304,377	46,936	239,997	31,464
Colorado	87,571	3,346	9,914	1,915	30,058	18,768	4,292	18,933	345
Connecticut	100,757	1,491	2,835	1,495	26,541	33,084	10,903	24,408	-
Delaware	28,355	982	1,028	217	5,698	7,975	356	12,099	-
Florida	411,041	21,696	46,761	7,606	159,387	86,468	19,020	62,944	7,159
Georgia	288,877	39,297	15,645	3,826	66,324	92,504	12,672	58,373	236
Hawaii	29,760	1,789	661	194	15,683	7,557	661	3,215	-
Idaho	26,189	4,744	878	507	10,750	4,828	493	3,989	-
Illinois	232,789	23,847	11,867	7,552	71,759	55,839	8,502	53,423	-
Indiana	106,428	17,834	3,860	1,197	46,215	10,899	4,228	22,195	-
Iowa	88,099	26,451	3,611	2,399	30,390	4,908	1,406	18,934	-
Kansas	70,438	8,416	6,994	1,144	17,692	5,571	2,815	27,806	-
Kentucky	119,875	17,973	9,598	2,153	46,184	12,006	1,015	30,608	338
Louisiana	167,626	18,423	9,204	2,958	45,145	66,223	3,870	21,803	-
Maine	32,094	588	560	162	7,663	16,770	199	6,152	-
Maryland	118,923	3,537	3,119	1,869	32,165	55,392	4,138	18,703	-
Massachusetts	115,574	1,092	2,061	2,115	24,086	60,002	2,321	23,897	-
Michigan	303,978	13,697	37,957	6,244	90,887	58,451	8,774	87,968	-
Minnesota	171,032	25,041	11,274	1,603	60,251	26,990	6,618	39,255	-
Mississippi	105,601	33,076	6,128	1,657	36,251	6,612	4,696	17,181	-
Missouri	131,208	16,304	11,327	3,381	59,100	16,078	4,350	20,668	-
Montana	18,336	3,656	798	231	6,580	1,788	1,434	3,849	-
Nebraska	50,349	7,330	2,677	1,734	19,186	6,913	1,256	10,997	256
Nevada	21,163	713	1,291	473	6,756	5,048	3,023	3,859	-
New Hampshire	13,882	747	63	525	6,924	1,427	432	3,764	-
New Jersey	262,183	1,978	5,445	3,162	118,182	93,950	8,503	30,963	-
New Mexico	29,778	2,916	2,080	845	9,564	8,241	1,384	4,748	-
New York	707,887	14,877	46,707	16,040	208,938	263,732	34,039	113,752	9,802
North Carolina	315,259	57,616	14,761	9,497	83,235	20,964	6,273	103,641	19,272
North Dakota	22,215	4,171	527	448	10,588	3,162	924	2,396	-
Ohio	289,159	27,104	19,497	8,764	121,704	30,489	3,318	78,283	-
Oklahoma	90,573	24,034	2,973	1,784	34,504	4,731	5,593	16,954	-
Oregon	59,471	7,871	4,377	2,241	6,626	16,709	3,843	17,804	-
Pennsylvania	342,780	13,214	15,144	7,424	58,007	106,803	17,022	124,417	749
Rhode Island	11,282	760	371	497	5,269	352	673	3,360	-
South Carolina	138,672	35,730	4,661	1,382	50,309	9,019	19,161	18,410	-
South Dakota	20,262	4,955	779	255	8,467	2,369	456	2,981	-
Tennessee	137,813	22,733	8,134	4,062	53,471	11,781	3,906	33,726	-
Texas	497,609	148,892	38,296	9,559	203,581	31,838	8,770	56,673	-
Utah	71,835	5,639	6,514	944	20,119	21,313	1,114	16,192	-
Vermont	12,062	1,003	540	181	4,516	1,399	691	3,732	-
Virginia	222,642	24,424	36,386	2,941	50,109	62,595	4,542	41,645	-
Washington	293,807	16,015	15,958	12,401	84,161	72,785	20,404	72,083	-
West Virginia	51,627	5,184	698	627	17,211	11,818	2,561	13,528	-
Wisconsin	164,056	23,400	8,266	4,886	37,392	35,935	7,520	46,598	59
Wyoming	13,983	2,182	602	40	6,478	2,669	130	1,882	-
Dist. of Columbia	7,828	38	674	928	2,685	802	14	2,687	-
Guam	1,546	6	-	-	-	367	-	1,173	-
Puerto Rico	122,380	7,229	8,283	1,555	62,847	20,655	1,246	20,489	76
Virgin Islands	1,152	43	-	28	526	204	44	280	27

1/ Includes 205,846 enrollees in off-farm occupations.

2/ Includes 2,058 enrollees in fisheries occupations.

Table 2

ENROLLMENT IN SECONDARY VOCATIONAL EDUCATION CLASSES, BY PROGRAM AND BY STATE
FISCAL YEAR 1969

State (1)	Total (2)	Agri-culture (3)	Distri-butive (4)	Health (5)	Home Economics (6)	Office (7)	Technical (8)	Trades & Industry (9)	Other (10)
Total	4,079,395	536,039 1/	184,206	23,207	1,670,347	1,122,198	31,833	458,554	53,011
Alabama	80,917	26,667	2,174	587	36,436	7,127	271	7,655	-
Alaska	8,812	-	974	34	1,664	4,906	229	1,005	-
Arizona	33,916	2,884	2,368	113	20,946	5,282	5	2,318	-
Arkansas	50,091	17,706	1,069	120	29,064	537	123	1,472	-
California	347,411	24,822	8,128	2,101	103,918	135,645	1,415	40,326	31,056
Colorado	30,645	2,624	2,636	84	14,920	6,798	-	3,583	-
Connecticut	50,869	1,113	2,448	218	7,264	30,255	-	9,571	-
Delaware	16,302	832	785	121	5,529	6,759	182	2,094	-
Florida	152,745	18,315	3,415	173	102,819	7,316	787	15,814	4,106
Georgia	147,629	27,656	2,665	-	49,225	61,491	-	6,547	45
Hawaii	20,909	1,329	212	-	13,420	5,920	-	28	-
Idaho	19,611	4,078	614	3	9,985	4,005	2	924	-
Illinois	139,494	17,846	4,617	1,317	69,780	30,043	-	15,891	-
Indiana	72,320	12,073	3,250	341	42,821	8,075	-	5,760	-
Iowa	38,219	10,883	1,185	-	22,806	751	97	2,497	-
Kansas	26,747	7,030	1,803	-	12,389	2,218	488	2,819	-
Kentucky	70,767	13,883	2,277	91	36,996	8,961	127	8,094	338
Louisiana	117,073	15,655	2,535	78	43,130	53,595	34	2,046	-
Maine	25,585	566	205	-	6,704	16,727	-	1,383	-
Maryland	71,874	3,080	1,774	492	12,684	40,605	643	12,596	-
Massachusetts	78,023	952	1,278	58	4,518	56,623	-	14,594	-
Michigan	162,888	11,887	16,053	1,884	73,372	40,738	-	18,954	-
Minnesota	74,506	14,264	3,951	191	37,077	16,909	1	2,113	-
Mississippi	55,498	16,376	859	-	33,483	421	-	4,359	-
Missouri	86,737	12,433	5,174	226	49,770	9,065	415	9,654	-
Montana	13,079	3,105	762	-	5,192	1,177	650	2,193	-
Nebraska	28,013	5,335	1,558	75	13,499	5,081	12	2,453	-
Nevada	10,541	633	373	-	5,345	2,341	938	911	-
New Hampshire	8,532	470	63	-	5,913	1,193	-	893	-
New Jersey	144,598	1,333	5,045	656	29,895	90,962	1,999	14,708	-
New Mexico	18,004	2,788	1,786	145	8.844	2,947	-	1,494	-
New York	468,482	10,077	35,842	5,919	148,251	191,060	9,387	67,946	-
North Carolina	167,765	41,533	8,575	1,701	67,405	3,063	-	28,108	17,380
North Dakota	14,244	3,235	418	-	7,925	2,272	-	394	-
Ohio	111,827	14,874	8,064	979	54,016	17,502	-	16,392	-
Oklahoma	58,829	18,128	2,107	203	26,223	2,138	504	9,526	-
Oregon	21,038	6,727	2,095	171	754	7,623	2	3,666	-
Pennsylvania	171,014	9,344	7,845	696	35,369	81,209	8,078	28,473	-
Rhode Island	6,252	649	286	59	3,532	214	154	1,358	-
South Carolina	67,625	17,078	2,565	186	29,363	7,722	857	9,854	-
South Dakota	12,091	3,009	590	-	7,313	533	151	495	-
Tennessee	90,204	20,875	3,608	273	48,299	4,806	329	12,014	-
Texas	237,222	51,017	11,931	1,773	139,026	8,374	2,185	22,916	-
Utah	35,489	4,217	1,453	118	10,878	14,725	-	4,098	-
Vermont	8,222	703	275	-	3,705	1,035	-	2,504	-
Virginia	125,519	16,421	9,458	1,332	40,714	45,572	1,065	10,957	-
Washington	108,349	11,895	3,528	159	55,057	34,157	167	3,386	-
West Virginia	31,726	4,724	423	70	11,702	9,214	492	5,101	-
Wisconsin	50,280	17,856	1,132	21	14,337	11,291	-	5,584	59
Wyoming	10,061	1,946	403	10	5,657	1,504	-	541	-
Dist. of Columbia	3,409	29	149	19	1,140	664	-	1,408	-
Guam	282	3	-	-	-	-	-	279	-
Puerto Rico	75,975	3,038	1,423	399	49,747	12,843	-	8,525	-
Virgin Islands	1,135	43	-	11	526	204	44	280	27

1/ Includes 162,103 enrollees in off-farm occupations.

Table 3

ENROLLMENT IN POSTSECONDARY VOCATIONAL EDUCATION CLASSES, BY PROGRAM AND BY STATE
FISCAL YEAR 1969

State (1)	Total (2)	Agri-culture (3)	Distri-butive (4)	Health (5)	Home Economics (6)	Office (7)	Technical (8)	Trades & Industry (9)	Other (10)
Total	706,085	15,816 1/	60,718	91,922	13,490	218,448	130,564	174,201	926
Alabama	14,399	-	241	1,233	-	2,453	1,776	8,696	-
Alaska	303	-	-	-	-	205	20	78	-
Arizona	7,051	386	619	1,157	184	1,555	2,197	953	-
Arkansas	5,853	109	32	917	39	1,593	198	2,965	-
California	149,448	4,022	11,500	14,937	2,368	50,604	17,487	48,197	333
Colorado	12,597	115	1,854	1,521	125	3,184	1,753	4,045	-
Connecticut	5,503	-	279	925	-	2,056	2,013	230	-
Delaware	192	-	11	75	-	106	-	-	-
Florida	83,717	1,287	18,371	4,984	2,234	35,430	14,241	7,170	-
Georgia	14,591	195	426	1,333	305	3,245	2,367	6,529	191
Hawaii	2,764	-	125	118	-	1,219	384	918	-
Idaho	1,831	114	129	368	17	140	380	683	-
Illinois	24,081	1,184	2,853	3,751	774	8,524	4,506	2,489	-
Indiana	3,924	-	57	776	-	2,049	1,042	-	-
Iowa	6,592	587	352	1,236	77	1,222	1,068	2,050	-
Kansas	3,929	90	201	555	-	567	947	1,569	-
Kentucky	6,329	30	-	1,519	-	386	564	3,830	-
Louisiana	16,282	-	100	1,311	120	6,388	2,279	6,084	-
Maine	1,569	-	71	162	-	43	127	1,166	-
Maryland	6,252	-	671	608	56	2,026	2,595	296	-
Massachusetts	6,873	61	471	1,642	64	2,438	1,419	778	-
Michigan	22,582	539	1,627	3,052	116	7,072	4,329	5,847	-
Minnesota	12,932	307	1,186	1,096	69	2,471	1,958	5,845	-
Mississippi	5,701	112	140	838	14	1,664	897	2,036	-
Missouri	8,335	106	340	2,659	233	1,298	3,561	138	-
Montana	2,080	125	36	94	-	532	531	762	-
Nebraska	2,787	180	37	794	-	387	1,013	376	-
Nevada	1,088	53	-	315	89	165	466	-	-
New Hampshire	1,332	261	-	101	-	75	218	677	-
New Jersey	1,927	-	34	822	6	19	705	341	-
New Mexico	4,995	32	60	359	-	2,939	1,295	310	-
New York	42,097	2,215	5,177	7,463	3,506	9,562	11,090	3,084	-
North Carolina	16,490	746	121	2,452	64	6,216	2,445	4,446	-
North Dakota	3,072	-	109	448	-	568	891	1,056	-
Ohio	8,376	248	626	4,234	184	992	2,092	-	-
Oklahoma	2,540	14	13	472	-	19	1,962	60	-
Oregon	8,161	382	729	998	5	1,817	1,549	2,681	--
Pennsylvania	8,653	230	592	794	154	2,806	2,702	1,049	326
Rhode Island	552	-	54	272	-	70	156	-	-
South Carolina	4,374	-	25	812	-	-	3,537	-	-
South Dakota	1,080	-	-	255	14	64	305	442	-
Tennessee	11,720	49	139	2,802	46	1,811	1,568	5,305	-
Texas	33,778	314	1,408	5,650	127	13,804	5,441	7,034	-
Utah	5,882	109	126	587	-	1,003	970	3,087	-
Vermont	537	-	-	155	-	-	374	8	-
Virginia	6,915	-	199	761	11	2,885	1,582	1,477	-
Washington	89,016	1,132	7,305	10,722	2,178	28,010	15,643	24,026	-
West Virginia	2,035	22	-	374	-	47	1,484	108	-
Wisconsin	17,243	382	2,042	2,046	311	4,912	3,335	4,215	-
Wyoming	922	40	5	30	-	651	88	108	-
Dist. of Columbia	991	-	-	335	-	125	6	525	-
Guam	83	3	-	-	-	-	-	80	-
Puerto Rico	3,729	35	225	1,002	-	1,031	1,008	352	76
Virgin Islands	-	-	-	-	-	-	-	-	-

1/ Includes 10,873 enrollees in off-farm occupations.

Table 4

ENROLLMENT IN ADULT VOCATIONAL EDUCATION CLASSES, BY PROGRAM AND BY STATE
FISCAL YEAR 1969

State (1)	Total (2)	Agri-culture (3)	Distri-butive (4)	Health (5)	Home Economics (6)	Office (7)	Technical (8)	Trades & Industry (9)	Other (10)
Total	3,050,466	290,336 1/	307,976	56,603	718,817	482,160	151,714	1,042,362	498
Alabama	37,618	16,271	2,730	715	4,138	2,213	300	11,251	-
Alaska	626	45	-	45	-	230	24	282	-
Arizona	26,718	127	9,211	465	2,122	3,836	3,371	7,586	-
Arkansas	37,233	8,864	3,079	168	8,977	3,655	256	12,234	-
California	445,030	2,726	79,382	7,972	58,013	118,128	28,034	150,700	75
Colorado	41,905	521	5,049	299	14,557	8,323	2,511	10,645	-
Connecticut	43,381	345	71	316	19,166	654	8,508	14,321	-
Delaware	11,861	150	232	21	169	1,110	174	10,005	-
Florida	163,037	771	24,907	2,368	49,363	43,330	3,821	38,477	-
Georgia	123,112	10,327	12,114	2,493	16,072	27,420	10,305	44,381	-
Hawaii	5,978	460	324	76	2,213	418	277	2,210	-
Idaho	4,664	543	130	135	746	623	111	2,376	-
Illinois	53,643	4,669	2,129	2,289	666	14,482	3,996	25,412	-
Indiana	28,263	5,677	286	80	3,138	531	3,186	15,365	-
Iowa	43,246	14,981	2,074	1,163	7,465	2,935	241	14,387	-
Kansas	39,166	1,296	4,990	414	5,127	2,786	1,380	23,173	-
Kentucky	41,137	4,012	7,321	543	7,958	2,600	324	18,379	-
Louisiana	33,196	2,756	6,059	1,479	1,816	6,149	1,556	13,381	-
Maine	4,858	22	284	-	925	-	72	3,555	-
Maryland	38,217	451	670	762	19,215	11,415	866	4,838	-
Massachusetts	30,518	79	312	415	19,504	941	902	8,365	-
Michigan	117,683	1,253	20,183	1,308	17,260	10,616	4,433	62,630	-
Minnesota	82,339	10,460	5,598	282	22,680	7,538	4,659	31,122	-
Mississippi	42,009	16,291	5,106	723	2,351	4,462	3,799	9,277	-
Missouri	35,344	3,736	5,750	496	9,097	5,207	361	10,697	-
Montana	3,068	426	-	137	1,329	61	253	862	-
Nebraska	18,727	1,763	1,082	865	5,687	1,392	231	7,707	-
Nevada	8,620	27	838	128	1,226	2,542	1,619	2,240	-
New Hampshire	3,836	16	-	424	842	159	214	2,181	-
New Jersey	113,649	324	315	1,632	87,772	2,585	5,793	15,228	-
New Mexico	6,779	96	234	341	720	2,355	89	2,944	-
New York	160,670	1,752	4,800	1,887	39,170	61,723	13,169	38,169	-
North Carolina	125,147	15,153	3,860	5,228	15,453	11,205	3,740	70,508	-
North Dakota	4,788	936	-	-	2,552	322	33	945	-
Ohio	162,258	11,722	10,490	3,486	66,759	11,776	1,226	56,799	-
Oklahoma	29,097	5,892	837	1,071	8,281	2,521	3,127	7,368	-
Oregon	29,552	605	1,524	877	5,794	7,131	2,284	11,337	-
Pennsylvania	159,972	3,635	6,707	5,634	22,040	22,403	6,242	92,888	423
Rhode Island	4,410	111	31	166	1,719	68	363	1,952	-
South Carolina	65,176	18,502	2,011	384	20,584	875	14,767	8,053	-
South Dakota	6,999	1,946	189	-	1,132	1,772	-	1,960	-
Tennessee	35,490	1,773	4,277	984	5,025	5,164	2,009	16,258	-
Texas	218,767	97,358	24,650	2,081	62,362	9,367	1,080	21,869	-
Utah	26,089	845	4,321	235	7,921	4,502	144	8,121	-
Vermont	3,129	274	265	26	763	364	317	1,120	-
Virginia	84,972	7,499	26,602	773	6,700	13,917	1,895	27,586	-
Washington	96,442	2,988	5,125	1,520	26,926	10,618	4,594	44,671	-
West Virginia	17,441	417	275	183	5,509	2,525	585	7,947	-
Wisconsin	95,513	5,162	5,092	2,819	22,444	19,732	4,185	36,079	-
Wyoming	2,826	196	190	-	784	425	42	1,189	-
Dist. of Columbia	3,301	9	398	574	1,545	13	8	754	-
Guam	1,178	-	-	-	-	367	-	811	-
Puerto Rico	31,771	4,076	5,872	104	5,040	6,674	238	9,767	-
Virgin Islands	17	-	-	17	-	-	-	-	-

1/ Includes 27,893 enrollees in off-farm occupations.

Table 5

ENROLLMENT IN VOCATIONAL EDUCATION CLASSES FOR PERSONS WITH SPECIAL NEEDS BY PROGRAM AND BY STATE
FISCAL YEAR 1969

State	Total		Agriculture		Distributive		Health		Home Economics		Office		Technical		Trades & Industry		Other	
(1)	(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)	
Total	143,420	(144,274)	1/ 8,514	(27,215)	10,531	(11,846)	3,369	(4,243)	46,398	(36,315)	12,318	(35,517)	1,200	(3,301)	45,742	(22,148)	15,348	(3,689)
Alabama	1,056	(2,655)	218	(2,436)	-	-	-	-	462	(219)	167	-	-	-	209	-	-	-
Alaska	-	(7,556)	-	(45)	-	(784)	-	(79)	-	(1,340)	-	(3,987)	-	(227)	-	(1,094)	-	-
Arizona	1,140	-	-	-	11	-	69	-	557	-	112	-	-	-	391	-	-	-
Arkansas	1,725	(3,448)	626	(573)	129	(140)	529	(120)	-	(1,108)	93	(433)	-	(30)	348	(1,044)	-	-
California	2,213	(22,030)	1,148	-	-	(925)	291	(399)	-	(2,258)	-	(10,320)	-	(349)	774	(4,385)	-	(3,394)
Colorado	2,424	-	86	-	375	-	11	-	456	-	463	-	28	-	660	-	345	-
Connecticut	1,004	(1,129)	33	(13)	37	(63)	36	(11)	111	(35)	119	(631)	382	-	286	(376)	-	-
Delaware	-	(1,399)	-	(95)	-	-	-	(23)	-	(241)	-	(64)	-	(42)	-	(934)	-	-
Florida	11,542	-	1,323	-	68	-	81	-	4,971	-	392	-	171	-	1,483	-	3,053	-
Georgia	3,545	(236)	1,119	-	440	-	-	-	722	-	348	-	-	-	916	-	-	(236)
Hawaii	109	-	-	-	-	-	-	-	50	-	-	-	-	-	59	-	-	-
Idaho	83	(459)	9	(5)	5	(57)	1	-	2	(22)	60	(323)	-	-	6	(52)	-	-
Illinois	15,571	(1,496)	148	(81)	2,268	(190)	195	(685)	539	(73)	2,790	-	-	-	9,631	(467)	-	-
Indiana	1,921	(567)	84	-	267	(178)	-	-	256	-	244	(389)	-	-	1,070	-	-	-
Iowa	42	(4,120)	-	(2,613)	-	(292)	-	(246)	42	(198)	-	(86)	-	(116)	-	(569)	-	-
Kansas	596	(3,362)	-	(738)	-	-	175	(247)	176	(1,259)	-	-	-	(87)	245	(1,031)	-	-
Kentucky	1,642	(7,089)	48	(1,582)	-	(102)	-	-	1,230	(3,965)	59	(987)	-	(16)	305	(437)	-	-
Louisiana	1,075	(2,044)	12	(149)	510	(275)	90	(77)	79	(638)	91	(424)	1	(10)	292	(471)	-	-
Maine	82	(531)	-	-	-	(9)	-	-	34	(456)	-	(66)	-	-	48	-	-	-
Maryland	2,580	-	6	-	4	-	7	-	210	-	1,346	-	34	-	973	-	-	-
Massachusetts	160	-	-	-	-	-	-	-	-	-	-	-	-	-	160	-	-	-
Michigan	825	(7,524)	18	-	94	(1,963)	-	(1)	139	-	25	(5,134)	12	-	537	(426)	-	-
Minnesota	1,255	(5,473)	10	(1,753)	539	(1,545)	34	(86)	425	-	72	(928)	-	(291)	175	(870)	-	-
Mississippi	2,393	(680)	297	(309)	23	-	96	(262)	403	-	65	-	-	-	1,509	(109)	-	-
Missouri	792	(561)	29	-	63	-	-	-	-	(561)	508	-	13	-	179	-	-	-
Montana	109	-	-	-	-	-	-	-	59	-	18	-	-	-	32	-	-	-
Nebraska	822	(2,992)	52	(115)	-	-	-	-	-	(2,877)	53	-	-	-	461	-	256	-
Nevada	914	(430)	-	(69)	80	-	30	(16)	96	(345)	-	-	-	-	708	-	-	-
New Hampshire	182	(122)	-	-	-	-	-	-	169	(120)	-	(2)	-	-	13	-	-	-
New Jersey	2,009	(705)	321	(41)	51	(227)	52	(108)	509	(134)	384	(149)	6	-	686	(46)	-	-
New Mexico	-	(1,670)	-	(1,114)	-	(264)	-	(5)	-	(111)	-	-	-	-	-	(176)	-	-
New York	36,638	-	833	-	888	-	771	-	18,011	-	1,387	-	393	-	4,553	-	9,802	-
North Carolina	5,857	(124)	184	-	2,205	-	116	-	313	-	480	-	88	(124)	579	-	1,892	-
North Dakota	111	(929)	-	(672)	-	(90)	-	-	111	(18)	-	(43)	-	(10)	-	(96)	-	-
Ohio	6,698	(6,693)	260	(461)	317	(101)	65	(16)	745	(3,795)	219	(2,305)	-	-	5,092	(15)	-	-
Oklahoma	107	(13,254)	-	(3,992)	16	(197)	38	(317)	-	(4,484)	53	(797)	-	(933)	-	(2,534)	-	-
Oregon	720	-	157	-	29	-	195	-	73	-	138	-	8	-	120	-	-	-
Pennsylvania	3,141	(324)	5	-	-	(324)	300	-	444	-	385	-	-	-	2,007	-	-	-
Rhode Island	68	(138)	-	(24)	-	-	-	(36)	18	-	-	-	-	-	50	(78)	-	-
South Carolina	1,497	(7,354)	150	(4,106)	60	-	-	(337)	362	(2,530)	422	-	-	(37)	503	(344)	-	-
South Dakota	92	(1,051)	-	(345)	-	(102)	-	(41)	8	(340)	-	(52)	-	(45)	84	(126)	-	-
Tennessee	399	(1,336)	36	(234)	110	(33)	3	(30)	101	(65)	-	(49)	-	-	149	(925)	-	-
Texas	7,842	-	203	-	307	-	55	-	2,066	-	293	-	64	-	4,854	-	-	-
Utah	4,375	-	468	-	614	-	4	-	1,320	-	1,083	-	-	-	886	-	-	-
Vermont	174	(80)	26	-	-	-	-	-	48	-	-	-	-	-	100	(80)	-	-
Virginia	5,236	(4,726)	504	(1,229)	127	(3,497)	75	-	2,684	-	221	-	-	-	1,625	-	-	-
Washington	-	(23,557)	-	(3,623)	-	(68)	-	(662)	-	(6,754)	-	(7,270)	-	(718)	-	(4,462)	-	-
West Virginia	425	(164)	21	-	-	-	-	-	-	(164)	32	-	-	-	372	-	-	-
Wisconsin	1,020	(3,746)	-	(342)	-	(414)	-	(315)	300	(660)	-	(912)	-	(266)	720	(778)	-	(59)
Wyoming	174	(447)	-	(447)	4	-	-	-	37	-	89	-	-	-	44	-	-	-
Dist. of Columbia	127	(1,965)	-	(9)	127	(6)	-	(16)	-	(1,545)	-	(166)	-	-	-	(223)	-	-
Guam	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
Puerto Rico	10,905	(108)	80	-	763	-	50	(108)	8,060	-	107	-	-	-	1,845	-	-	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ Includes 4,977 enrollees in off-farm occupations.

NOTE: Figures in parentheses are persons identified in regular classes who received individual services.

Table 6

ENROLLMENT IN VOCATIONAL EDUCATION CLASSES BY PROGRAM AND BY SEX

FISCAL YEAR 1969

Program	Total	Male	Male as percentage of total	Female	Female as percentage of total
(1)	(2)	(3)	(4)	(5)	(6)
Total	7,979,366	3,544,289	44.4	4,435,077	55.6
Agriculture	850,705	833,996	98.0	16,709	2.0
Distributive	563,431	312,705	55.5	250,726	44.5
Health	175,101	13,609	7.8	161,492	92.2
Home Economics (Gainful)	113,297	15,078	13.3	98,219	86.7
Home Economics (Useful)	2,335,755	105,930	4.5	2,229,825	95.5
Office	1,835,124	404,291	22.0	1,430,833	78.0
Technical	315,311	287,776	91.3	27,535	8.7
Trades and Industry	1,720,859	1,529,709	88.9	191,150	11.1
Other	69,783	41,195	59.0	28,588	41.0

Table 7

ENROLLMENT IN SECONDARY VOCATIONAL EDUCATION CLASSES BY PROGRAM, BY GRADE LEVEL, AND BY SEX FISCAL YEAR 1969

Program	Total	Male	Male as percentage of total	Female	Female as percentage of total	Grade Level			
						Grade 9	Grade 10	Grade 11	Grade 12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Total	4,079,395	1,382,920	33.9	2,696,475	66.1	843,411	845,386	1,105,355	1,285,243
Agriculture	536,039	527,428	98.4	8,611	1.6	173,695	138,194	121,300	102,850
Distributive	184,206	93,178	50.6	91,028	49.4	872	11,262	70,719	101,353
Health	23,207	1,455	6.3	21,752	93.7	281	2,930	6,432	13,564
Home Economics	1,670,347	85,029	5.1	1,585,318	94.9	572,144	361,792	316,061	420,350
Office	1,122,198	217,218	19,4	904,980	80.6	59,085	234,806	398,597	429,710
Technical	31,833	28,308	88.9	3,525	11.1	1,212	7,124	11,870	11,627
Trades and Industry	458,554	399,389	87.1	59,165	12.9	18,082	86,750	171,007	182,715
Other	53,011	30,915	58.3	22,096	41.7	18,040	2,528	9,369	23,074

Table 8

ENROLLMENT IN POSTSECONDARY VOCATIONAL EDUCATION CLASSES, BY PROGRAM, BY GRADE LEVEL, AND BY SEX
FISCAL YEAR 1969

Program	Total	Male	Male as Percentage of total	Female	Female as percentage of total	Grade 13	Grade 14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	706,085	423,306	60.0	282,779	40.0	491,556	214,529
Agriculture	15,816	14,663	92.7	1,153	7.3	10,618	5,198
Distributive	60,718	45,036	74.2	15,682	25.8	43,181	17,537
Health	91,922	6,886	7.5	85,036	92.5	71,675	20,247
Home Economics	13,490	2,123	15.7	11,367	84.3	9,763	3,727
Office	218,448	81,910	37.5	136,538	62.5	151,859	66,589
Technical	130,564	119,834	91.8	10,730	8.2	81,207	49,357
Trades and Industry	174,201	152,294	87.4	21,907	12.6	122,562	51,639
Other	926	560	60.5	366	39.5	691	235

Table 9

ENROLLMENT IN ADULT VOCATIONAL EDUCATION CLASSES, BY PROGRAM, BY TYPE OF CLASS, AND BY SEX
FISCAL YEAR 1969

Program	Total	Male	Male as percentage of total	Female	Female as percentage	Prepara-tory	Supple-mentary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	3,050,466	1,669,345	54.7	1,381,121	45.3	734,746	2,315,720
Agriculture	290,336	283,666	97.7	6,670	2.3	18,794	271,542
Distribution	307,976	167,821	54.5	140,155	45.5	71,578	236,398
Health	56,603	5,039	8.9	51,564	91.1	25,193	31,410
Home Economics	718,817	31,202	4.3	687,615	95.7	65,142	653,675
Office	482,160	101,899	21.2	380,261	78.8	257,663	224,497
Technical	151,714	138,531	91.3	13,183	8.7	76,002	75,712
Trades & Industry	1,042,362	940,770	90.3	101,592	9.7	219,897	822,465
Other	498	417	83.7	81	16.3	477	21

Table 10

ENROLLMENT IN VOCATIONAL EDUCATION FOR PERSONS WITH SPECIAL NEEDS BY PROGRAM AND BY SEX
FISCAL YEAR 1969

Program	Total	Male	Male as percentage of total	Female	Female as percentage of total
(1)	(2)	(3)	(4)	(5)	(6)
Total	143,420	68,663	47.9	74,757	52.1
Agriculture	8,514	8,239	96.8	275	3.2
Distributive	10,531	6,670	63.3	3,861	36.7
Health	3,369	229	6.8	3,140	93.2
Home Economics	46,398	2,599	5.6	43,799	94.4
Office	12,318	3,264	26.5	9,054	73.5
Technical	1,200	1,103	91.9	97	8.1
Trades and Industry	45,742	37,256	81.4	8,486	18.6
Other	15,348	9.303	60.6	6,045	39.4

Table 11

ENROLLMENT IN VOCATIONAL EDUCATION CLASSES AND PERCENTAGE DISTRIBUTION BY LEVEL, AND BY PROGRAM FISCAL YEARS 1969, 1968, and 1967

(Thousands)

Program	All Levels			Secondary			Postsecondary			Adult			Persons With Special Needs		
	1969	1968	1967	1969	1968	1967	1969	1968	1967	1969	1968	1967	1969	1968	1967
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	7,979	7,534	7,048	4,079	3,843	3,533	706	593	500	3,051	2,987	2,941	143	111.0	73.6
Agriculture	851	851	935	536	528	509	16	11	8	290	305	413	9	6.6	4.9
Distribution	563	575	481	184	176	151	61	45	21	308	350	304	10	4.4	4.9
Health	175	141	115	23	21	17	92	65	54	57	53	43	3	2.6	1.5
Home Economics	2,449	2,283	2,187	1,670	1,558	1,475	13	4	4	719	678	685	47	43.4	23.0
Office	1,835	1,736	1,573	1,122	1,060	985	218	225	193	482	443	389	12	7.7	5.1
Technical	315	270	266	32	36	28	131	105	97	152	127	141	1	1.4	0.9
Trades & Industry	1,721	1,629	1,491	459	422	368	174	138	123	1,042	1,031	966	46	38.4	33.3
Other	70	49	-	53	42	-	1	-	-	1	-	-	15	6.5	-

Percentage Distribution

Program	All Levels			Secondary			Postsecondary			Adult			Persons With Special Needs		
	1969	1968	1967	1969	1968	1967	1969	1968	1967	1969	1968	1967	1969	1968	1967
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture	10.6	11.3	13.3	13.1	13.7	14.4	2.3	1.9	1.6	9.5	10.2	14.0	5.9	6.0	6.7
Distributive	7.1	7.6	6.8	4.5	4.6	4.3	8.6	7.5	4.2	10.1	11.7	10.3	7.3	4.0	6.6
Health	2.2	1.9	1.6	0.6	0.5	0.5	13.0	10.9	10.8	1.8	1.8	1.5	2.4	2.3	2.1
Home Economics	30.7	30.3	31.0	41.0	40.6	41.7	1.9	0.7	0.7	23.6	22.7	23.3	32.4	39.2	31.3
Office	23.0	23.0	22.3	27.5	27.6	27.9	30.9	38.0	38.6	15.8	14.8	13.2	8.6	6.9	6.9
Technical	3.9	3.6	3.8	0.8	0.9	0.8	18.5	17.7	19.4	5.0	4.3	4.8	0.8	1.2	1.1
Trades & Industry	21.6	21.6	21.2	11.2	11.0	10.4	24.7	23.2	24.7	34.2	34.5	32.9	31.9	34.6	45.3
Other	0.9	0.7	-	1.3	1.1	-	0.1	0.1	-	-	-	-	10.7	5.8	-

Table 12

ENROLLMENT IN VOCATIONAL EDUCATION CLASSES, BY TYPE OF PROGRAM FOR SELECTED YEARS

		Type of Program						
	Total	Agriculture	Distributive	Health	Home Economics	Office	Technical	Trades and Industry
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1969	7,979,366 1/	850,705	563,431	175,101	2,449,052	1,835,124	315,311	2/ 1,720,859
1968	7,533,936 3/	851,158	574,785	140,987	2,283,338	1,735,997	269,832	1,628,542
1967	7,047,501	935,170	481,034	115,109	2,186,992	1,572,335	266,054	1,490,807
1966	6,070,059	907,354	420,426	83,677	1,897,670	1,238,043	253,838	1,269,051
1965	5,430,611	887,529	333,342	66,772	2,098,520	730,904	225,737	1,087,807
1964	4,566,390	860,605	334,126	59,006	2,022,138	-	221,241	1,069,274
1963	4,217,198	827,827	309,593	53,957	1,839,450	-	184,595	1,001,776
1962	4,072,677	822,664	321,065	48,985	1,725,660	-	148,920	1,005,383
1961	3,855,564	805,322	306,083	47,264	1,610,334	-	122,952	963,609
1960	3,768,149	796,237	303,784	40,250	1,588,109	-	101,279	938,490
1959	3,701,121	757,223	310,591	30,769	1,585,860	-	48,564	968,114
1958	3,629,339	775,892	282,558	27,423	1,559,822	-	-	983,644
1948	2,836,121	640,791	292,936	-	1,139,766	-	-	762,628
1938	1,810,082	460,876	36,008	-	627,394	-	-	685,804
1928	858,456	144,901	-	-	175,944	-	-	537,611
1918	164,186	15,453	-	-	30,799	-	-	117,934

1/ Includes 69,783 enrolled in other classes, not classified by occupational category.
2/ Includes 2,058 enrolled in Fishery occupations.
3/ Includes 49,297 enrolled in other classes, not classified by occupational category.

Table 13

NUMBER OF SCHOOLS OFFERING VOCATIONAL EDUCATION BY TYPE OF PROGRAM, BY TYPE OF CLASS, AND BY STATE FISCAL YEAR 1969

State	Agriculture		Distribution		Health		Home Economics		Office		Technical		Trades & Industry	
	Adult Preparatory and Supplementary	Preparatory (In School)	Adult Preparatory and Supplementary	Preparatory (In School)	Adult Preparatory and Supplementary	Preparatory (In School)	Adult Preparatory and Supplementary	Preparatory (In School)	Adult Preparatory and Supplementary	Preparatory (In School)	Adult Preparatory and Supplementary	Preparatory (In School)	Adult Preparatory and Supplementary	Preparatory (In School)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Total	5,512	8,696	1,047	3,981	791	1,380	5,091	13,887	2,148	8,417	785	1,159	2,130	5,340
Alabama	347	356	-	71	30	121	86	390	61	140	12	38	57	240
Alaska	1	-	-	10	3	3	1	28	2	37	-	6	2	19
Arizona	4	43	7	45	5	10	12	90	14	91	8	8	13	41
Arkansas	275	285	36	35	10	22	359	367	22	39	4	15	23	49
California	2	342	13	123	47	72	181	471	151	375	98	176	196	204
Colorado	28	72	23	67	5	18	11	171	21	104	8	16	34	56
Connecticut	10	18	-	52	2	23	97	65	-	109	4	6	15	51
Delaware	3	8	3	17	3	4	6	54	14	40	3	3	17	6
Florida	33	243	49	112	19	49	99	467	71	180	26	49	65	382
Georgia	294	296	13	89	21	21	22	370	64	311	22	24	34	121
Hawaii	21	21	1	10	1	2	11	48	2	35	3	5	4	6
Idaho	23	72	4	24	8	15	13	123	14	49	6	4	21	20
Illinois	159	453	10	158	31	49	4	641	42	338	36	32	101	316
Indiana	182	233	5	74	4	15	54	404	47	205	5	6	61	91
Iowa	234	246	16	66	11	15	110	211	15	61	20	18	30	61
Kansas	65	164	7	33	20	11	38	106	19	35	30	30	40	43
Kentucky	97	172	6	47	3	22	102	300	44	107	5	13	42	48
Louisiana	114	245	29	86	22	22	95	395	32	431	7	8	32	52
Maine	2	15	1	7	-	4	2	70	-	123	2	3	14	25
Maryland	8	48	12	28	10	19	73	107	53	140	15	23	37	93
Massachusetts	3	16	5	48	7	31	75	159	27	175	10	26	43	106
Michigan	45	184	17	293	18	44	112	571	27	356	6	17	68	283
Minnesota	232	284	22	122	3	27	304	356	46	425	21	29	35	61
Mississippi	265	267	33	36	21	4	59	400	38	41	7	17	26	127
Missouri	118	240	110	80	13	32	40	304	47	253	7	22	42	86
Montana	20	62	-	20	3	6	17	83	2	32	6	17	10	30
Nebraska	61	119	8	27	21	8	36	155	10	92	-	2	22	60
Nevada	1	14	5	11	3	7	22	37	13	22	12	14	17	20
New Hampshire	1	10	-	1	1	3	5	64	-	19	1	1	11	16
New Jersey	9	23	8	85	16	19	12	64	21	158	18	21	21	41
New Mexico	2	60	1	24	6	13	7	79	1	49	8	-	16	23
New York	66	264	107	353	57	181	275	1,355	373	828	101	134	158	355
North Carolina	448	459	28	212	45	63	431	570	44	176	36	39	50	379
North Dakota	37	29	-	12	-	3	24	125	10	46	1	3	8	9
Ohio	226	288	61	222	50	52	121	492	67	357	4	15	94	231
Oklahoma	351	352	17	50	38	21	274	363	54	57	12	26	10	131
Oregon	16	104	8	45	10	17	27	93	11	56	7	11	23	44
Pennsylvania	116	217	10	119	45	23	196	444	219	687	44	59	91	91
Rhode Island	2	8	1	16	1	7	11	22	2	36	2	4	4	10
South Carolina	263	263	17	72	17	27	290	292	14	115	16	17	30	132
South Dakota	47	67	1	22	-	5	26	107	21	32	16	16	15	17
Tennessee	95	248	29	93	13	60	43	348	19	116	12	18	50	153
Texas	867	867	26	340	64	63	809	936	24	239	37	66	57	355
Utah	37	46	12	43	9	8	76	62	33	97	8	8	65	82
Vermont	7	21	3	9	2	2	10	48	8	7	3	1	24	23
Virginia	175	208	169	214	21	41	190	443	82	326	13	12	85	196
Washington	55	162	26	110	18	32	60	318	56	243	25	29	86	100
West Virginia	25	87	9	11	6	8	34	144	57	90	15	21	41	51
Wisconsin	9	278	40	67	25	15	65	139	64	173	18	23	62	125
Wyoming	10	52	6	14	-	2	10	66	7	72	1	3	8	14
Dist. of Columbia	-	1	-	5	2	1	-	11	2	3	2	-	5	5
Guam	1	1	-	-	-	-	-	-	1	-	-	-	1	1
Puerto Rico	-	62	33	51	-	37	54	353	60	87	2	3	14	57
Virgin Islands	-	1	-	-	1	1	-	6	-	2	-	2	-	2

Table 14

NUMBER OF SCHOOLS OFFERING VOCATIONAL EDUCATION PROGRAMS, BY TYPE OF INSTITUTION
FISCAL YEAR 1969

State (1)	Grand Total (2)	Specialized Secondary School (3)	Technical or Vocational School (Post-secondary (4)	Regular or Comprehensive Secondary School (5)	Community or Junior College (6)	College or University (7)	Secondary Post-secondary (combined) (8)	Under Contract Private Schools Institution(s) Association(s) Government(s) Offering Programs (9)
Total	18,492	400	470	16,747	504	130	212	29
Alabama	498	3	27	465	1	2	-	-
Alaska	44	-	-	34	7	1	-	2
Arizona	118	-	1	105	9	3	-	-
Arkansas	416	3	12	392	2	5	-	2
California	813	10	-	719	83	1	-	-
Colorado	198	3	4	174	10	4	3	-
Connecticut	167	9	4	135	8	2	9	-
Delaware	58	3	1	53	1	-	-	-
Florida	577	9	51	481	27	-	9	-
Georgia	510	-	24	483	3	-	-	-
Hawaii	55	-	2	48	5	-	-	-
Idaho	140	-	-	135	2	3	-	-
Illinois	791	25	1	729	34	2	-	-
Indiana	498	4	7	480	1	4	2	-
Iowa	344	1	4	324	12	2	1	-
Kansas	245	-	1	216	10	4	14	-
Kentucky	376	1	1	325	6	2	41	-
Louisiana	495	1	33	462	-	-	-	-
Maine	135	-	6	119	-	1	-	9
Maryland	273	27	-	231	13	1	1	-
Massachusetts	310	40	16	192	13	-	49	-
Michigan	644	10	3	595	26	10	-	-
Minnesota	668	3	25	612	12	8	8	-
Mississippi	459	2	1	436	14	1	5	-
Missouri	413	16	1	375	8	5	8	-
Montana	118	-	-	112	3	1	2	-
Nebraska	219	-	5	210	3	1	-	-
Nevada	48	-	5	36	1	2	1	3
New Hampshire	71	-	6	64	-	1	-	-
New Jersey	255	12	11	200	1	6	21	4
New Mexico	93	3	2	79	3	5	-	1
New York	1,545	82	-	1,420	39	4	-	-
North Carolina	672	-	37	622	13	-	-	-
North Dakota	139	-	1	131	4	3	-	-
Ohio	757	32	44	673	8	-	-	-
Oklahoma	436	1	10	401	7	6	11	-
Oregon	169	-	-	157	12	-	-	-
Pennsylvania	726	40	5	650	12	19	-	-
Rhode Island	41	2	1	35	1	1	1	-
South Carolina	327	20	18	284	-	1	1	3
South Dakota	127	1	-	119	-	1	5	1
Tennessee	434	2	22	405	3	-	2	-
Texas	1,004	-	3	959	39	3	-	-
Utah	98	3	2	87	3	3	-	-
Vermont	65	-	3	61	-	-	-	1
Virginia	478	16	1	442	13	4	2	-
Washington	334	-	-	307	21	-	6	-
West Virginia	214	3	1	202	2	6	-	-
Wisconsin	396	2	64	328	2	-	-	-
Wyoming	82	-	-	74	7	1	-	-
Dist. of Columbia	16	5	-	10	-	-	1	-
Guam	1	-	-	-	-	-	1	-
Puerto Rico	376	7	4	353	-	1	8	3
Virgin Islands	6	-	-	6	-	-	-	-

Table 15

NUMBER OF TEACHERS OF VOCATIONAL EDUCATION CLASSES BY TYPE OF PROGRAM FISCAL YEAR 1969

State (1)	Agri-culture (2)	Distri-butive (3)	Health (4)	Home Economics (5)	Office (6)	Technical (7)	Trades & Industry (8)	Other (9)
Total	12,565	9,741	8,876	31,845	37,923	13,488	50,592	2,087
Alabama	388	118	116	498	383	91	933	–
Alaska	1	10	6	30	72	8	52	–
Arizona	61	85	95	235	247	159	303	–
Arkansas	513	66	76	386	167	51	472	–
California	618	1,062	1,133	1,983	5,358	1,738	6,419	–
Colorado	93	183	112	469	409	162	518	14
Connecticut	46	62	48	563	577	253	666	–
Delaware	22	18	26	91	123	21	261	–
Florida	347	563	420	1,268	1,104	646	1,621	290
Georgia	459	312	149	752	1,490	309	1,438	–
Hawaii	53	14	18	120	142	31	190	–
Idaho	97	30	53	173	109	27	151	22
Illinois	580	261	528	964	840	869	1,404	–
Indiana	278	119	169	721	266	278	785	–
Iowa	286	148	242	443	151	200	637	–
Kansas	189	242	105	295	133	123	506	–
Kentucky	284	127	116	571	410	38	628	14
Louisiana	261	192	127	569	1,067	111	417	–
Maine	18	31	30	118	356	3	290	–
Maryland	71	45	32	189	588	117	530	–
Massachusetts	78	105	213	630	1,752	850	3,734	470
Michigan	221	645	357	1,125	1,026	402	2,082	–
Minnesota	388	273	153	1,159	696	289	839	–
Mississippi	372	120	81	498	184	94	511	–
Missouri	264	223	183	559	598	209	795	–
Montana	65	25	16	128	62	64	128	–
Nebraska	143	71	108	259	193	61	376	20
Nevada	25	27	19	91	89	94	137	–
New Hampshire	30	1	18	127	51	31	169	–
New Jersey	76	118	97	278	1,275	322	524	537
New Mexico	64	28	59	96	130	39	155	–
New York	401	868	921	4,789	5,739	702	5,085	16
North Carolina	674	357	405	975	695	422	2,998	199
North Dakota	100	14	50	190	130	44	114	–
Ohio	482	464	400	1,118	1,278	289	2,350	–
Oklahoma	387	66	124	391	107	185	433	–
Oregon	169	142	95	231	303	242	656	–
Pennsylvania	305	206	349	1,324	3,006	593	1,690	312
Rhode Island	11	17	16	93	13	28	139	–
South Carolina	485	89	94	331	303	1,217	453	–
South Dakota	68	29	32	178	85	35	117	–
Tennessee	301	137	177	550	290	217	640	65
Texas	1,187	716	366	2,233	480	506	1,858	18
Utah	70	91	28	330	403	65	442	–
Vermont	26	17	19	7	50	57	170	94
Virginia	456	490	200	702	1,699	332	1,403	–
Washington	288	303	264	961	1,121	353	1,420	–
West Virginia	100	19	33	310	292	140	450	–
Wisconsin	430	198	314	876	1,399	303	1,678	–
Wyoming	74	32	7	113	129	7	76	–
Dist. of Columbia	3	10	20	21	16	1	128	7
Guam	–	–	–	–	–	–	72	–
Puerto Rico	155	152	55	720	321	58	539	5
Virgin Islands	2	–	2	14	16	2	10	4

Table 16

NUMBER OF TEACHERS OF VOCATIONAL EDUCATION CLASSES, BY LEVEL OF CLASS, BY FULL- AND PART-TIME, AND BY STATE
FISCAL YEAR 1969

State	Total Unduplicated Count	Secondary		Postsecondary		Number of Adult Teachers				Teachers for Persons With Special Needs	
		Full-Time	Part-Time	Full-Time	Part-Time	Number of Full-Time	Part-Time: That are Secondary Teachers	Part-Time: That are Post-secondary Teachers	Part-Time: From Business, Industry, Etc.	Full-Time	Part-Time
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Total	166,898	64,614	19,631	22,234	14,373	2,477	18,487	5,615	39,855	2,122	4,784
Alabama	2,527	1,429	12	567	-	16	507	9	479	25	196
Alaska	178	134	-	16	-	9	9	-	20	-	139
Arizona	1,185	245	322	109	86	1	27	34	387	19	16
Arkansas	1,705	511	333	175	1	15	663	112	640	16	105
California	18,311	2,809	2,831	3,174	5,064	247	849	1,219	3,581	155	241
Colorado	1.960	574	87	269	240	30	163	170	671	59	30
Connecticut	2,215	1,111	7	182	43	19	131	84	801	52	-
Delaware	562	363	9	8	3	6	59	-	240	-	-
Florida	6,259	1,807	393	1,453	173	85	357	175	2,242	240	55
Georgia	4,909	2,025	36	705	-	122	740	126	1,972	33	16
Hawaii	568	87	100	134	31	1	37	33	193	5	1
Idaho	662	143	199	135	48	-	-	-	135	2	-
Illinois	5,446	972	1,697	756	749	48	-	-	847	133	244
Indiana	2,616	1,008	482	160	298	7	329	49	430	64	167
Iowa	2,107	742	43	538	83	40	325	41	661	-	650
Kansas	1,586	595	14	177	148	35	119	88	585	12	20
Kentucky	2,188	1,013	472	258	154	28	351	98	395	24	50
Louisiana	2,744	1,272	566	459	34	10	225	188	366	33	4
Maine	846	502	40	140	9	4	15	40	145	3	3
Maryland	1,572	1,250	112	45	67	-	748	2	-	72	26
Massachusetts	7,832	2,399	1,527	1,866	1,253	116	358	141	587	56	28
Michigan	5,848	795	2,044	940	870	71	260	238	1,360	4	33
Minnesota	3,797	1,120	311	690	112	86	273	229	1,341	121	1,012
Mississippi	1,860	724	240	282	41	19	381	93	453	94	7
Missouri	2,831	1,121	473	273	224	20	317	43	682	20	44
Montana	454	97	211	73	22	-	35	23	80	1	4
Nebraska	1,231	239	362	121	70	1	115	4	421	3	309
Nevada	482	111	88	42	57	3	44	20	152	8	36
New Hampshire	427	163	40	161	6	-	7	62	56	-	16
New Jersey	3,227	1,305	809	115	58	59	213	31	776	81	43
New Mexico	571	219	106	116	31	1	25	43	82	16	-
New York	18,521	12,489	484	1,041	340	125	2,424	6	3,460	14	562
North Carolina	6,726	2,687	2	1,014	580	32	1,159	402	2,382	19	110
North Dakota	642	123	206	147	42	1	65	11	122	1	334
Ohio	6,297	3,136	108	478	260	459	583	28	1,745	256	4
Oklahoma	1,693	1,191	25	180	15	26	745	31	245	3	8
Oregon	1,838	298	131	334	426	6	48	64	643	1	11
Pennsylvania	7,785	4,097	1,322	422	164	362	1,154	61	1,393	23	2
Rhode Island	317	95	52	26	-	-	24	7	140	4	3
South Carolina	2,972	1,099	264	400	671	1	701	5	479	13	45
South Dakota	544	208	106	82	8	3	96	41	128	9	-
Tennessee	2,377	1,027	308	486	43	14	180	80	442	54	3
Texas	7,364	4,616	99	781	478	81	2,184	140	1,076	218	15
Utah	1,429	308	327	181	41	-	134	47	562	5	5
Vermont	439	106	141	36	11	2	35	-	144	1	8
Virginia	5,282	2,270	923	365	187	91	741	77	1,341	67	38
Washington	4,650	1,660	-	955	-	-	209	533	1,609	-	-
West Virginia	1,347	401	289	53	64	3	170	3	538	8	4
Wisconsin	5,198	351	656	943	917	92	-	553	2,209	31	44
Wyoming	438	109	189	32	18	-	31	22	83	4	3
Dist. of Columbia	206	121	-	32	-	-	21	44	15	7	-
Guam	72	26	-	3	-	-	14	-	43	-	-
Puerto Rico	2,205	1,267	31	104	133	80	87	65	272	32	86
Virgin Islands	50	44	2	-	-	-	-	-	4	1	4

Table 17

NUMBER OF LOCAL ANCILLARY PERSONNEL IN VOCATIONAL EDUCATION (OTHER THAN TEACHERS)
FISCAL YEAR 1969

State	Total	Vocational Guidance (Director)		Vocational Guidance (Counselor)		Local Director		Local Supervisor		Special Needs		Other	
		Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Total	13,228	412	209	3,883	2,170	1,500	527	1,380	1,063	98	90	1,002	979
Alabama	86	-	-	57	-	18	-	11	-	-	-	-	-
Alaska	7	-	-	1	-	5	-	1	-	-	-	-	-
Arizona	93	11	44	8	3	4	-	17	-	-	-	6	-
Arkansas	59	-	-	10	2	18	-	13	6	1	-	7	2
California	2,721	25	70	176	561	155	136	110	340	-	-	434	793
Colorado	73	-	-	4	-	40	-	16	13	-	-	-	-
Connecticut	108	19	-	17	-	36	-	10	-	-	-	26	-
Delaware	27	-	-	2	3	4	-	8	4	1	1	3	1
Florida	398	-	-	14	23	28	10	115	44	-	-	83	83
Georgia	202	25	-	25	1	6	-	36	1	-	-	108	-
Hawaii	18	-	-	9	8	-	-	-	-	-	-	1	-
Idaho	19	-	-	7	-	9	1	-	3	-	-	1	1
Illinois	402	-	-	74	95	14	53	20	58	13	21	40	14
Indiana	169	7	1	12	20	49	-	36	44	-	-	-	-
Iowa	1,047	19	11	717	232	18	-	28	12	9	-	-	1
Kansas	75	-	-	14	1	23	1	24	13	-	-	-	-
Kentucky	123	-	-	15	-	16	-	76	2	-	1	13	-
Louisiana	344	-	-	232	53	32	-	5	-	-	-	22	-
Maine	34	-	-	6	-	13	4	-	7	3	1	-	-
Maryland	206	1	5	56	139	5	-	-	-	-	-	-	-
Massachusetts	580	55	33	137	164	65	43	24	19	4	2	16	18
Michigan	141	-	-	-	-	76	9	20	30	-	6	-	-
Minnesota	1,091	6	30	804	130	50	5	34	16	5	11	-	-
Mississippi	52	-	-	20	-	26	6	-	-	-	-	-	-
Missouri	707	2	-	435	214	29	5	8	14	-	-	-	-
Montana	22	-	-	3	3	4	6	1	5	-	-	-	-
Nebraska	52	-	-	-	-	22	29	-	-	-	1	-	-
Nevada	102	3	2	22	50	5	5	-	5	6	2	2	-
New Hampshire	9	-	-	-	-	3	5	-	1	-	-	-	-
New Jersey	316	4	-	27	6	37	17	44	58	6	3	55	59
New Mexico	18	6	-	-	-	5	-	-	1	-	-	6	-
New York	765	128	-	145	-	101	-	219	141	29	2	-	-
North Carolina	223	47	-	94	5	74	3	-	-	-	-	-	-
North Dakota	104	-	-	71	23	7	-	3	-	-	-	-	-
Ohio	330	8	-	95	-	70	1	116	37	3	-	-	-
Oklahoma	11	-	-	2	-	5	-	1	2	1	-	-	-
Oregon	129	6	5	4	25	26	27	10	19	-	-	-	-
Pennsylvania	439	12	2	45	8	141	31	99	18	5	2	70	6
Rhode Island	19	-	-	8	-	10	1	-	-	-	-	-	-
South Carolina	98	12	-	33	1	31	4	2	-	-	12	3	-
South Dakota	27	-	-	4	-	6	3	-	-	8	-	6	-
Tennessee	148	3	-	23	-	15	3	25	4	-	-	74	1
Texas	185	-	-	61	3	52	7	33	29	-	-	-	-
Utah	288	-	-	2	248	8	28	2	-	-	-	-	-
Vermont	37	6	2	7	2	7	10	-	3	-	-	-	-
Virginia	142	5	1	19	5	19	-	85	8	-	-	-	-
Washington	118	-	-	32	5	43	10	25	3	-	-	-	-
West Virginia	33	-	-	3	-	14	-	14	-	-	-	2	-
Wisconsin	389	1	-	61	43	35	63	83	81	-	22	-	-
Wyoming	127	-	3	-	93	2	1	-	21	4	3	-	-
Dist. of Columbia	17	-	-	-	-	1	-	5	1	-	-	10	-
Guam	9	-	-	1	1	1	-	1	-	-	-	5	-
Puerto Rico	289	1	-	262	-	17	-	-	-	-	-	9	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 18

STATUS OF TEACHER TRAINING IN VOCATIONAL EDUCATION, ALL PROGRAMS
FISCAL YEAR 1969

State	Number of Approved Institutions 1/	Number of Teacher Trainers		Number Enrolled		Number Completed State Plan Requirements			Number Completed State Plan Requirements and Placed in Field Trained		
		Full-Time	Part-Time	Pre-service	In-service	Secondary	Post-secondary	Adult	Secondary	Post-secondary	Adult
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Total	670	1,203	2,120	58,324	52,350	18,735	3,083	3,476	11,054	2,087	1,604
Alabama	7	21	3	1,228	964	314	90	6	165	5	-
Alaska	1	2	3	39	24	13	-	-	4	-	-
Arizona	3	16	5	3,266	1,025	343	40	131	239	32	125
Arkansas	15	17	11	644	444	237	18	43	189	15	44
California	17	9	67	45	4,409	1,288	1,332	1,080	450	3	21
Colorado	10	12	17	366	524	102	18	94	161	14	89
Connecticut	12	18	11	432	537	182	21	-	82	22	-
Delaware	2	8	8	288	134	85	-	-	19	-	-
Florida	16	25	21	778	1,606	256	109	43	202	103	42
Georgia	26	67	5	1,280	805	465	30	7	213	32	10
Hawaii	1	2	10	70	137	9	-	-	23	-	-
Idaho	10	7	9	328	255	115	104	68	70	89	55
Illinois	35	19	138	2,450	2,438	912	56	115	411	20	-
Indiana	4	27	37	1,459	1,773	525	-	124	199	7	204
Iowa	3	32	24	1,679	1,014	305	26	-	96	80	-
Kansas	3	15	1	596	449	125	32	-	70	32	-
Kentucky	23	35	23	1,361	1,434	541	38	3	231	6	-
Louisiana	36	34	44	1,004	869	621	-	-	465	-	-
Maine	7	11	17	533	98	110	-	22	84	2	-
Maryland	5	5	25	631	475	194	-	2	107	-	-
Massachusetts	3	2	62	1,105	1,163	1,014	25	345	508	20	218
Michigan	42	38	61	2,260	1,884	979	186	460	346	103	49
Minnesota	30	60	104	3,294	1,877	446	129	108	306	116	97
Mississippi	17	18	26	955	1,902	259	40	-	200	-	35
Missouri	19	14	34	1,476	793	386	28	1	267	9	-
Montana	7	11	2	603	265	120	1	1	74	1	-
Nebraska	12	9	26	546	299	307	-	-	143	-	-
Nevada	1	1	3	55	203	38	-	-	36	-	51
New Hampshire	3	7	4	245	29	68	-	-	57	-	-
New Jersey	27	52	630	1,784	1,094	287	-	119	258	-	102
New Mexico	12	7	6	365	395	193	15	110	89	8	-
New York	23	57	249	2,838	3,163	864	49	-	537	49	-
North Carolina	12	25	20	789	957	258	-	-	142	-	8
North Dakota	9	7	41	569	241	121	92	10	66	92	9
Ohio	29	44	26	2,272	1,671	1,025	25	3	776	22	3
Oklahoma	11	16	19	1,071	902	247	41	0	141	18	3
Oregon	6	12	4	520	660	157	92	247	103	94	206
Pennsylvania	14	122	49	4,541	3,067	950	135	14	714	1	1
Rhode Island	7	7	14	553	142	141	1	2	84	6	-
South Carolina	5	14	2	460	954	210	9	40	155	9	11
South Dakota	4	6	7	388	106	100	-	-	78	-	2
Tennessee	13	20	11	1,214	963	268	56	6	141	178	13
Texas	34	42	45	3,409	3,627	1,689	76	51	966	76	-
Utah	12	23	21	1,042	793	257	28	2	217	21	-
Vermont	10	13	5	256	270	64	-	-	44	-	-
Virginia	33	73	34	1,900	1,547	435	17	202	277	5	203
Washington	5	33	90	1,757	2,239	280	-	12	178	674	-
West Virginia	6	9	20	542	254	155	2	-	115	2	-
Wisconsin	20	62	16	2,315	696	410	121	-	354	121	-
Wyoming	5	5	4	231	54	52	-	5	39	-	3
Dist. of Columbia	2	-	5	-	182	15	-	-	15	-	-
Guam	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	1	12	1	492	544	198	1	-	148	-	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-

1/ Number of institutions offering one or more approved teacher training programs in vocational education.

Table 19

STATUS OF TEACHER TRAINING IN VOCATIONAL EDUCATION

FISCAL YEAR 1969

Program	Number of Approved Institutions	Teacher Trainers		Number Enrolled		Number Completed State Plan Requirements			Number Completed State Plan Requirements and Placed In Field Trained			Estimated Number That Will Complete State Plan Requirements Next Year	Estimated Need for Next Report Year
		Full-Time	Part-Time	Pre-Service	In-Service	Secondary	Post-secondary	Adult	Secondary	Post-secondary	Adult		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Total (Unduplicated)	670	1,203	2,120	58,324	52,350	18,735	3,083	3,476	11,054	2,087	1,604	23,965	23,721
Agriculture	78	184	70	6,269	5,233	1,548	23	132	998	24	49	1,876	1,595
Distribution	82	65	99	2,516	4,110	1,386	120	338	853	118	245	2,026	2,098
Health	46	17	92	199	2,119	195	513	223	93	316	62	958	1,468
Home Economics	205	309	232	22,812	7,431	6,686	49	249	3,755	14	146	7,745	5,353
Office	154	285	218	10,312	5,920	3,777	185	346	2,626	174	97	4,520	3,973
Technical	47	79	164	1,858	3,354	580	920	569	323	296	91	1,273	1,702
Trades & Industry	100	216	1,155	10,092	21,811	3,542	1,242	1,563	2,018	1,097	900	4,584	5,698
Other	5	1	16	354	396	283	-	-	50	20	-	104	146
Special Needs	6	4	3	51	401	257	13	7	251	13	7	355	721
Guidance	70	142	172	5,792	2,206	1,114	32	153	850	25	78	1,157	2,573

Table 20

ALLOTMENTS OF FUNDS TO STATES UNDER THE SMITH-HUGHES ACT, GEORGE-BARDEN ACT, AND VOCATIONAL EDUCATION ACT OF 1963
FOR THE FISCAL YEAR 1969 1/

		Smith-Hughes Act 2/				George-Barden Act 3/								
							Title I							
State	Grand Total	Total	Agri-culture	Trades & Ind. & Home Ec.	Teacher Training	Total	Agri-culture	Distributive Occupations	Home Economics	Trades and Industry	Fishery Occupations	Title II Practical Nursing	Title III Technical Programs	Vocational Education Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Total	$255,377,278	$7,266,455	$3,046,355	$3,101,787	$1,118,313	$49,885,823	$10,309,997	$2,602,298	$8,182,825	$8,215,703	$375,000	$5,000,000	$15,000,000	$198,225,000
Alabama	5,898,481	143,330	81,863	43,172	18,295	1,140,849	283,349	44,954	213,135	136,819	3,615	114,744	344,233	4,614,302
Alaska	538,238	30,000	10,000	10,000	10,000	259,576	40,000	15,000	40,000	40,000	22,500	25,519	76,557	248,662
Arizona	2,185,684	51,789	18,401	23,388	10,000	279,450	40,000	17,919	47,907	59,848	1,875	27,975	83,926	1,854,445
Arkansas	3,404,568	85,107	56,663	18,440	10,004	797,790	233,263	24,581	147,526	69,493	1,875	80,263	240,789	2,521,671
California	18,005,856	534,067	118,994	327,051	88,022	2,549,008	235,107	216,285	309,808	734,905	22,500	257,601	772,802	14,922,781
Colorado	2,518,883	66,744	25,594	31,150	10,000	434,455	89,720	24,136	66,636	77,699	1,875	43,597	130,792	2,017,684
Connecticut	2,727,244	92,547	30,506	47,843	14,198	461,753	40,000	34,887	79,425	119,947	1,875	46,405	139,214	2,172,944
Delaware	653,244	30,000	10,000	10,000	10,000	232,631	40,000	15,000	40,000	40,000	3,470	23,540	70,621	390,613
Florida	7,331,487	187,558	71,604	88,223	27,731	967,146	74,147	68,138	186,426	231,520	22,500	96,104	288,311	6,176,783
Georgia	7,278,364	172,456	97,839	52,534	22,083	1,291,071	286,460	54,261	254,730	168,921	8,475	129,556	388,668	5,814,837
Hawaii	1,032,530	31,661	10,000	11,661	10,000	230,196	40,000	15,000	40,000	40,000	3,137	23,015	69,044	770,673
Idaho	1,242,196	39,430	19,430	10,000	10,000	335,250	93,392	15,000	50,587	40,000	1,875	33,599	100,797	867,516
Illinois	10,661,193	360,319	107,716	196,145	56,458	2,130,336	395,878	138,727	280,445	454,728	2,183	214,594	643,781	8,170,538
Indiana	6,364,257	193,488	97,255	70,121	26,112	1,440,031	341,459	64,161	253,208	199,553	1,875	144,944	434,831	4,730,738
Iowa	4,228,808	122,556	71,873	35,240	15,443	1,327,878	465,787	37,947	187,127	100,101	1,875	133,760	401,281	2,778,374
Kansas	3,180,467	91,385	47,167	32,017	12,201	784,270	225,430	29,980	122,803	88,769	1,875	78,853	236,560	2,304,812
Kentucky	5,602,669	143,135	93,514	32,606	17,015	1,324,728	385,312	41,808	243,468	118,973	1,875	133,323	399,969	4,134,806
Louisiana	5,587,332	134,293	66,401	49,651	18,241	912,068	163,978	44,820	172,878	144,463	22,500	90,857	272,572	4,540,971
Maine	1,539,144	48,182	26,204	11,978	10,000	310,388	40,000	15,000	68,224	44,005	22,500	30,165	90,494	1,180,574
Maryland	4,084,864	118,672	47,000	54,307	17,365	666,815	77,479	42,669	122,368	142,870	16,192	66,309	198,928	3,299,377
Massachusetts	5,562,570	179,461	46,955	103,672	28,834	833,089	40,000	70,850	122,251	244,251	22,500	83,309	249,928	4,550,020
Michigan	9,582,011	297,765	115,665	138,287	43,813	1,798,634	310,134	107,655	301,140	352,680	2,269	181,189	543,567	7,485,612
Minnesota	5,084,132	141,929	71,666	51,144	19,119	1,312,235	413,253	46,978	186,588	135,024	1,875	132,129	396,388	3,629,968
Mississippi	4,405,983	107,308	75,332	19,778	12,198	1,163,305	381,807	29,973	196,130	78,125	11,568	116,425	349,277	3,135,370
Missouri	6,083,056	173,605	80,100	69,312	24,193	1,390,638	380,371	59,445	208,545	180,539	1,875	139,966	419,897	4,518,813
Montana	1,155,069	38,665	18,665	10,000	10,000	299,881	74.273	15,000	48,596	40,000	1,875	30,034	90,103	816,523
Nebraska	2,199,575	64,271	35,813	18,458	10,000	642,728	217,166	19,421	93,240	52,674	1,875	64,588	193,764	1,492,576
Nevada	596,052	30,000	10,000	10,000	10,000	228,058	40,000	15,000	40,000	40,000	1,875	22,796	68,387	337,994
New Hampshire	975,353	34,050	14,050	10,000	10,000	228,058	40,000	15,000	40,000	40,000	1,875	22,796	68,387	713,245
New Jersey	6,448,818	201,903	38,429	129,498	33,976	876,457	40,000	83,485	100,051	287,381	15,005	87,634	262,901	5,370,458
New Mexico	1,590,156	43,107	18,012	15,095	10,000	245,693	40,980	15,000	46,895	42,651	1,875	24,573	73,719	1,301,356
New York	17,023,218	575,316	135,995	345,334	93,987	2,700,384	228,411	230,941	354,071	786,244	16,013	271,176	813,528	13,747,518
North Carolina	8,971,685	221,793	152,859	43,418	25,516	2,032,505	568,575	62,697	397,977	179,046	4,689	204,880	614,641	6,717,387
North Dakota	1,313,021	42,740	22,740	10,000	10,000	434,085	143,764	15,000	59,206	40,000	1,875	43,560	130,680	836,196
Ohio	12,376,685	369,365	143,369	171,636	54,360	2,201,568	365,400	133,570	373,268	438,894	4,093	221,586	664,757	9,805,752
Oklahoma	3,795,552	96,258	47,924	35,295	13,039	735,384	182,132	32,040	124,772	98,860	1,875	73,926	221,779	2,963,910
Oregon	2,577,575	73,613	37,105	26,508	10,000	508,946	97,276	24,339	96,605	77,890	10,597	50,560	151,679	1,995,016
Pennsylvania	14,044,897	437,176	178,560	195,223	63,393	2,343,066	250,585	155,766	464,891	523,751	5,065	235,752	707,256	11,264,655
Rhode Island	1,125,087	37,901	10,000	17,901	10,000	231,350	40,000	15,000	40,000	40,872	2,381	23,274	69,823	855,836
South Carolina	4,705,545	114,757	77,766	23,647	13,344	973,362	246,985	32,787	202,470	97,050	1,937	98,033	294,100	3,617,426
South Dakota	1,314,560	42,940	22,940	10,000	10,000	436,475	144,671	15,000	59,725	40,000	1,875	43,801	131,403	835,145
Tennessee	6,544,967	159,386	94,475	44,934	19,977	1,426,595	412,688	49,087	245,971	142,383	1,875	143,648	430,943	4,958,986
Texas	15,296,068	359,602	132,767	173,185	53,650	2,357,417	488,465	131,826	345,666	424,481	22,500	236,120	708,359	12,579,049
Utah	1,478,438	38,478	12,402	16,076	10,000	228,854	40,000	15,000	40,000	40,475	1,875	22,876	68,628	1,211,106
Vermont	738,026	33,318	13,318	10,000	10,000	228,058	40,000	15,000	40,000	40,000	1,875	22,796	68,387	476,650
Virginia	6,874,002	173,136	97,792	53,128	22,216	1,294,292	279,355	54,589	254,608	170,542	15,506	129,923	389,769	5,406,574
Washington	3,724,103	113,306	50,503	46,824	15,979	723,517	114,817	39,263	131,487	128,511	22,500	71,735	215,204	2,887,280
West Virginia	3,101,498	91,340	63,787	17,134	10,419	604,758	85,062	25,601	166,073	83,102	1,875	60,761	182,284	2,405,400
Wisconsin	5,609,990	162,247	79,342	60,773	22,132	1,364,517	389,561	54,380	206,572	162,332	1,875	137,449	412,348	4,083,226
Wyoming	620,814	30,000	10,000	10,000	10,000	228,058	40,000	15,000	40,000	40,000	1,875	22,796	68,387	362,756
American Samoa	113,977	-	-	-	-	81,875	-	-	-	-	1,875	-	-	32,102
Dist. of Columbia	774,982	-	-	-	-	228,058	40,000	15,000	40,000	40,000	1,875	22,796	68,387	546,924
Guam	247,203	-	-	-	-	135,910	-	-	-	-	1,875	13,509	40,526	111,293
Puerto Rico	5,130,540	105,000	30,000	60,000	15,000	1,423,432	543,505	32,332	189,326	75,331	14,430	142,127	426,381	3,602,108
Virgin Islands	126,561	-	-	-	-	68,892	-	-	-	-	1,875	6,754	20,263	57,669

1/ Smith-Hughes Act and George-Barden Act allotments are based upon population, Eighteenth Census of the United States, 1960. Vocational Education Act of 1963 allotments are based upon average per capita income and State populations of various age groups. For method of allotment see the Acts.
2/ Includes appropriation to Puerto Rico under separate Act.
3/ Includes $80,000 for American Samoa, $80,000 for Guam, and $40,000 for Virgin Islands allotted by law to total field of vocational education.

Table 21

APPROVED TRANSFER OF FEDERAL VOCATIONAL EDUCATION FUNDS,
AS REQUESTED BY STATES
FISCAL YEAR 1969

State (1)	From (2)	To (3)	Amount Approved (4)
Total			$29,634,394
Alaska	S. H. Agric.	Voc. Edu. Act of 1963	10,000
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	8,000
	S. H. T&I and Home Ec.	G. B. Home Ec.	2,000
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,000
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. T&I	Voc. Edu. Act of 1963	40,000
	G. B. Distribution	Voc. Edu. Act of 1963	15,000
	G. B. Fisheries	Voc. Edu. Act of 1963	22,500
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	25,519
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	76,557
Arizona	S. H. Agric.	Voc. Edu. Act of 1963	18,401
	S. H. T&I and Home Ec.	Voc Edu. Act of 1963	18,711
	S. H. T&I and Home Ec.	G. B. Home Ec.	4,677
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	6,667
	S. H. Teacher Trng.	G. B. Home Ec.	3,333
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. T&I	Voc. Edu. Act of 1963	59,848
	G. B. Distribution	Voc. Edu. Act of 1963	17,919
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	27,975
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	83,926
Arkansas	S. H. Agric.	Voc. Edu. Act of 1963	56,663
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	18,440
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,004
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	80,263
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	240,789
California	S. H. Home Ec.	G. B. Home Ec.	65,410
Connecticut	S. H. Agric.	Voc. Edu. Act of 1963	30,506
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	47,843
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	14,198
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. T&I	Voc. Edu. Act of 1963	119,947
	G. B. Distribution	Voc. Edu. Act of 1963	34,887
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	46,405
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	139,214
Delaware	G. B. Fisheries	Voc. Edu. Act of 1963	3,470
District of Columbia	G. B. Agric.	G. B. T&I	30,400
	G. B. Tech. Edu.	G. B. T&I	63,787
Florida	S. H. Agric.	Voc. Edu. Act of 1963	71,604
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	70,578
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	18,487
	G. B. Agric.	Voc. Edu. Act of 1963	74,147
	G. B. T&I	Voc. Edu. Act of 1963	231,520
	G. B. Distribution	Voc. Edu. Act of 1963	68,138
	G. B. Fisheries	Voc. Edu. Act of 1963	22,500
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	96,104
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	288,311
	S. H. Teacher Trng.	G. B. Home Ec.	9,244
	S. H. T&I and Home Ec.	G. B. Home Ec.	17,645
Georgia	S. H. Agric.	Voc. Edu. Act of 1963	97,839
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	45,283
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	15,103
	G. B. Agric.	Voc. Edu. Act of 1963	286,460
	G. B. Home Ec.	Voc. Edu. Act of 1963	25,473
	G. B. T&I	Voc. Edu. Act of 1963	108,921
	G. B. Distribution	Voc. Edu. Act of 1963	54,261
	G. B. Fisheries	Voc. Edu. Act of 1963	8,475
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	129,556
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	388,668
	S. H. T&I and Home Ec.	G. B. Home Ed.	7,251
	S. H. Teacher Trng.	G. B. Home Ec.	6,980
Illinois	S. H. Agric.	Voc. Edu. Act of 1963	107,716
	S. H. T&I and Home Ec.	G. B. Home Ec.	39,229
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	156,916
	G. B. Agric.	Voc. Edu. Act of 1963	395,878
	G. B. T&I	Voc. Edu. Act of 1963	454,728
	G. B. Distribution	Voc. Edu. Act of 1963	138,727
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	214,894
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	843,781
	G. B. Fisheries	Voc. Edu. Act of 1963	3,183
Kansas	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
Kentucky	S. H. Agric.	Voc. Edu. Act of 1963	93,514
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	32,606
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	11,340
	G. B. Agric.	Voc. Edu. Act of 1963	385,312
	G. B. Home Ec.	Voc. Edu. Act of 1963	24,347
	G. B. T&I	Voc. Edu. Act of 1963	118,973
	G. B. Distribution	Voc. Edu. Act of 1963	41,808
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	133,323
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	399,969
Maine	S. H. Agric.	Voc. Edu. Act of 1963	26,204
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	11,978
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,000
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. Home Ec.	Voc. Edu. Act of 1963	6,823
	G. B. T&I	Voc. Edu. Act of 1963	44,005
	G. B. Distribution	Voc. Edu. Act of 1963	15,000
	G. B. Fisheries	Voc. Edu. Act of 1963	22,500
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	30,165
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	90,494
Maryland	S. H. Agric.	Voc. Edu. Act of 1963	47,000
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	54,307
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	17,365
	G. B. Agric.	Voc. Edu. Act of 1963	19,370
	G. B. T&I	Voc. Edu. Act of 1963	35,717
	G. B. Distribution	Voc. Edu. Act of 1963	10,667
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	16,577
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	49,732
Michigan	S. H. Agric.	Voc. Edu. Act of 1963	115,665
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	110,630
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	29,209
	G. B. Agric.	Voc. Edu. Act of 1963	310,134
	G. B. Home Ec.	Voc. Edu. Act of 1963	30,114
	G. B. T&I	Voc. Edu. Act of 1963	352,680
	G. B. Distribution	Voc. Edu. Act of 1963	107,655
	G. B. Fisheries	Voc. Edu. Act of 1963	2,269
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	181,189
	G. B. Technical	Voc. Edu. Act of 1963	543,567
Minnesota	S. H. Agric.	Voc. Edu. Act of 1963	71,666
	S. H. T&I	Voc. Edu. Act of 1963	51,144
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	19,119
	G. B. Agric.	Voc. Edu. Act of 1963	413,253
	G. B. T&I	Voc. Edu. Act of 1963	135,024
	G. B. Distribution	Voc. Edu. Act of 1963	46,978
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	132,129
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	396,388
Mississippi	S. H. Agric.	Voc. Edu. Act of 1963	75,332
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	19,778
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	4,880
	G. B. Agric.	Voc. Edu. Act of 1963	381,807
	G. B. Home Ec.	Voc. Edu. Act of 1963	19,613
	G. B. T&I	Voc. Edu. Act of 1963	78,125
	G. B. Distribution	Voc. Edu. Act of 1963	29,973
	G. B. Fisheries	Voc. Edu. Act of 1963	11,568
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	116,425
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	349,277
Missouri	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
Nebraska	S. H. Agric.	Voc. Edu. Act of 1963	35,813
	S. H. T&I and Home Ec.	G. B. Home Ec.	3,690
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	14,768
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	5,600
	G. B. Agric.	Voc. Edu. Act of 1963	217,166
	G. B. T&I	Voc. Edu. Act of 1963	52,674
	G. B. Distribution	Voc. Edu. Act of 1963	19,421
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	64,588
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	193,764
Nevada	S. H. Agric.	Voc. Edu. Act of 1963	10,000
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	10,000
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	6,000
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. T&I	Voc. Edu. Act of 1963	40,000
	G. B. Distribution	Voc. Edu. Act of 1963	15,000
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	22,796
	G. B. Technical	Voc. Edu. Act of 1963	68,387
New Hampshire	S. H. Agric.	Voc. Edu. Act of 1963	14,050
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	10,000
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	6,000
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. Home Ec.	Voc. Edu. Act of 1963	4,000
	G. B. T&I	Voc. Edu. Act of 1963	40,000
	G. B. Distribution	Voc. Edu. Act of 1963	15,000
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Health	Voc. Edu. Act of 1963	22,796
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	68,387
New Jersey	S. H. Agric.	Voc. Edu. Act of 1963	38,429
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	8,976
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. T&I	Voc. Edu. Act of 1963	287,381
	G. B. Distribution	Voc. Edu. Act of 1963	83,485
	G. B. Fisheries	Voc. Edu. Act of 1963	15,005
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	87,634
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	262,901
New Mexico	S. H. Agric.	Voc. Edu. Act of 1963	18,012
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	15,095
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	4,000
	G. B. Agric.	Voc. Edu. Act of 1963	40,980
	G. B. T&I	Voc. Edu. Act of 1963	42,651
	G. B. Distribution	Voc. Edu. Act of 1963	15,000
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	24,573
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	73,719
New York	S. H. Agric.	Voc. Edu. Act of 1963	135,995
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	345,334
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	93,987
	G. B. Agric.	Voc. Edu. Act of 1963	228,411
	G. B. Home Ec.	Voc. Edu. Act of 1963	354,071
	G. B. T&I	Voc. Edu. Act of 1963	786,244
	G. B. Distribution	Voc. Edu. Act of 1963	230,941
	G. B. Fisheries	Voc. Edu. Act of 1963	16,013
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	271,176
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	813,528
North Carolina	S. H. Agric.	Voc. Edu. Act of 1963	152,859
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	43,414
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	25,516
	G. B. Agric.	Voc. Edu. Act of 1963	568,575
	G. B. T&I	Voc. Edu. Act of 1963	179,046
	G. B. Distribution	Voc. Edu. Act of 1963	62,697
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	204,880
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	614,640
North Dakota	S. H. Agric.	Voc. Edu. Act of 1963	22,740
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	10,000
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,000
	G. B. Agric.	Voc. Edu. Act of 1963	143,000
	G. B. T&I	Voc. Edu. Act of 1963	40,000
	G. B. Distribution	Voc. Edu. Act of 1963	15,000
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	43,560
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	130,680

Table 21- Cont

APPROVED TRANSFER OF FEDERAL VOCATIONAL EDUCATION FUNDS,
AS REQUESTED BY STATES
FISCAL YEAR 1969

State (1)	From (2)	To (3)	Amount Approved (4)
Ohio	G. B. Fisheries	Voc. Edu. Act of 1963	4,093
Oklahoma	S. H. Agric.	Voc. Edu. Act of 1963	47,924
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	35,295
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,039
	G. B. Agric.	Voc. Edu. Act of 1963	182,132
	G. B. Home Ec.	Voc. Edu. Act of 1963	12,477
	G. B. T&I	Voc. Edu. Act of 1963	98,860
	G. B. Distribution	Voc. Edu. Act of 1963	32,040
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	73,926
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	221,779
Oregon	S. H. Agric.	Voc. Edu. Act of 1963	37,105
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	26,508
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,000
	G. B. Agric.	Voc. Edu. Act of 1963	97,276
	G. B. Home Ec.	Voc. Edu. Act of 1963	9,661
	G. B. T&I	Voc. Edu. Act of 1963	77,890
	G. B. Distribution	Voc. Edu. Act of 1963	24,339
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	50,560
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	151,679
Pennsylvania	S. H. Agric.	Voc. Edu. Act of 1963	178,560
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	195,223
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	63,393
	G. B. Agric.	Voc. Edu. Act of 1963	250,585
	G. B. Home Ec.	Voc. Edu. Act of 1963	46,489
	G. B. T&I	Voc. Edu. Act of 1963	523,751
	G. B. Distribution	Voc. Edu. Act of 1963	155,766
	G. B. Fisheries	Voc. Edu. Act of 1963	5,065
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	235,752
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	707,256
Rhode Island	S. H. Agric.	Voc. Edu. Act of 1963	10,000
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	17,901
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,000
	G. B. Agric.	Voc. Edu. Act of 1963	40,000
	G. B. Home Ec.	Voc. Edu. Act of 1963	12,000
	G. B. T&I	Voc. Edu. Act of 1963	40,872
	G. B. Distribution	Voc. Edu. Act of 1963	15,000
	G. B. Fisheries	Voc. Edu. Act of 1963	2,381
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	23,274
	G. B. Tech. Edu.	Voc. Edu. Act of 963	69,823
South Carolina	S. H. Agric.	Voc. Edu. Act of 63	77,766
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	23,647
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	8,674
	G. B. Agric.	Voc. Edu. Act of 1963	246,985
	G. B. T&I	Voc. Edu. Act of 1963	97,050
	G. B. Distribution	Voc. Edu. Act of 1963	32,787
	G. B. Fisheries	Voc. Edu. Act of 1963	1,937
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	98,033
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	294,100
Tennessee	S. H. Agric.	Voc. Edu. Act of 1963	94,475
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	44,934
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	12,977
	G. B. Agric.	Voc. Edu. Act of 1963	412,688
	G. B. Home Ec.	Voc. Edu. Act 1963	24,597
	G. B. T&I	Voc. Edu. Act of 1963	142,383
	G. B. Distribution	Voc. Edu. Act of 1963	49,087
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	143,648
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	430,943
Texas	S. H. Agric.	Voc. Edu. Act of 1963	132,767
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	173,185
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	53,650
	G. B. Agric.	Voc. Edu. Act of 1963	488,465
	G. B. Home Ec.	Voc. Edu. Act of 1963	120,116
	G. B. T&I	Voc. Edu. Act of 1963	424,481
	G. B. Distribution	Voc. Edu. Act of 1963	131,826
	G. B. Fisheries	Voc. Edu. Act of 1963	22,500
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	236,120
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	708,359
Vermont	S. H. Agric.	Voc. Edu. Act of 1963	13,318
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	10,000
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	10,000
	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	68,387
Virginia	G. B. Tech. Edu.	Voc. Edu. Act of 1963	389,769
	G. B. Fisheries	Voc. Edu. Act of 1963	15,506
Washington	G. B. Fisheries	Voc. Edu. Act of 1963	22,500
Wisconsin	S. H. Agric.	Voc. Edu. Act of 1963	6,348
	S. H. T&I and Home Ec.	Voc. Edu. Act of 1963	48,618
	S. H. Teacher Trng.	Voc. Edu. Act of 1963	7,967
	G. B. Agric.	Voc. Edu. Act of 1963	31,164
	G. B. T&I	Voc. Edu. Act of 1963	162,332
	G. B. Distribution	Voc. Edu. Act of 1963	54,380
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	137,449
	G. B. Tech. Edu.	Voc. Edu. Act of 1968	412,348
Wyoming	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	10,000
	G. B. Tech.	Voc. Edu. Act of 1963	40,000
Guam	G. B. Fisheries	Voc. Edu. Act of 1963	1,875
	G. B. Prac. Nursing	Voc. Edu. Act of 1963	13,509
	G. B. Tech. Edu.	Voc. Edu. Act of 1963	40,526
	G. B. Supplemental	Voc. Edu. Act of 1963	80,000

Table 22

TOTAL EXPENDITURES FOR VOCATIONAL-TECHNICAL EDUCATION FROM FEDERAL AND MATCHING FUNDS

FISCAL YEAR 1969

State	Grand Total	Federal 1/	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$1,368,756,523	$254,676,376	$1,114,080,147	$467,172,881	$646,907,266
Alabama	24,905,852	5,897,886	19,007,966	8,105,084	10,902,882
Alaska	2,596,110	532,616	2,063,494	230,700	1,832,794
Arizona	8,610,882	2,183,009	6,427,873	2,192,297	4,235,576
Arkansas	10,157,277	3,404,568	6,752,709	3,088,904	3,663,805
California	80,849,230	17,985,065	62,864,165	813,149	62,051,016
Colorado	9,892,294	2,517,008	7,375,286	1,199,719	6,175,567
Connecticut	23,295,508	2,727,244	20,568,264	15,235,312	5,332,952
Delaware	4,039,716	622,356	3,417,360	3,001,112	416.248
Florida	44,653,047	7,331,487	37,321,560	30,012,153	7,309,407
Georgia	28,963,738	7,170,294	21,793,444	10,977,775	10,815,669
Hawaii	3,136.729	1,029,095	2,107,634	2,107,634	0
Idaho	4,254,930	1,240,321	3,014,609	1,661,129	1,353,480
Illinois	39,423,539	10,659,010	28,764,529	8,689,585	20,074,944
Indiana	23,757,220	6,362,382	17,394,838	1,378,365	16,016,473
Iowa	27,430,533	4,226,933	23,203,600	11,703,881	11,499,719
Kansas	11,727,449	3,139,818	8,587,631	2,124,772	6,462,859
Kentucky	22,310,589	5,602,669	16,707,920	14,784,571	1,923,349
Louisiana	16,138,199	5,503,489	10,634,710	828,559	9,806,151
Maine	6,178,581	1,539,144	4,639,437	2,409,878	2,229,559
Maryland	23,686,345	4,084,864	19,601,481	8,133,215	11,468,266
Massachusetts	42,378,857	5,473,024	36,905,833	515,606	36,390,227
Michigan	44,562,046	9,582,011	34,980,035	2,082,320	32,897,715
Minnesota	28,443,854	5,084,132	23,359,722	10,514,353	12,845,369
Mississippi	13,457,628	4,400,924	9,056,704	4,017,098	5,039,606
Missouri	29,912,589	6,083,056	23,829,533	5,451,488	18,378,045
Montana	3,960,993	1,120,652	2,840,341	644,885	2,195,456
Nebraska	6,470,814	2,199,575	4,271,239	832,346	3,438,893
Nevada	2,800,000	596,052	2,203,948	599,697	1,604,251
New Hampshire	6,331,813	975,353	5,356,460	3,714,625	1,641,835
New Jersey	32,344,720	6,448,818	25,895,902	13,482,396	12,413,506
New Mexico	4,857,177	1,590,156	3,267,021	268,380	2,998,641
New York	234,022,492	17,023,218	216,999,274	109,457,127	107,542,147
North Carolina	50,113,174	8,971,685	41,141,489	28,920,643	12,220,846
North Dakota	4,630,566	1,313,022	3,317,544	1,815,299	1,502,245
Ohio	54,631,789	12,376,685	42,255,104	20,925,699	21,329,405
Oklahoma	17,047,245	3,795,552	13,251,693	2,650,000	10,601,693
Oregon	15,784,120	2,567,494	13,216,626	3,772,383	9,444,243
Pennsylvania	101,647,215	14,044,897	87,602,318	32,201,499	55,400,819
Rhode Island	3,941,736	1,125,087	2,816,649	1,734,092	1,082,557
South Carolina	20,695,225	4,705,545	15,989,680	11,318,127	4,671,553
South Dakota	3,421,444	1,312,677	2,108,767	387,607	1,721,160
Tennessee	20,312,635	6,543,092	13,769,543	6,315,181	7,454,362
Texas	63,479,802	15,296,068	48,183,734	36,873,449	11,310,285
Utah	10,193,218	1,475,943	8,717,275	2,534,803	6,182,472
Vermont	4,098,097	738,026	3,360,071	2,051,437	1,308,634
Virginia	29,656,539	6,874,002	22,782,537	8,291,101	14,491,436
Washington	24,980,825	3,724,103	21,256,722	5,195,336	16,061,386
West Virginia 2/	11,224,771	3,052,048	8,172,723	1,002,059	7,170,664
Wisconsin	45,399,884	5,609,990	39,789,894	7,333,562	32,456,332
Wyoming	2,321,305	620,814	1,700,491	159,724	1,540,767
Dist. of Columbia	2,731,299	769,427	1,961,872	1,961,872	0
Guam 3/	545,652	247,203	298,449	298,449	0
Puerto Rico	15,859,848	5,098,225	10,761,623	10,761,623	0
Virgin Islands	489,383	78,562	410,821	410,821	0

1/ Vocational Education Act of 1963, Smith Hughes and George-Barden Acts
2/ Estimated
3/ Unvalidated data

Table 23

TOTAL EXPENDITURES FOR VOCATIONAL-TECHNICAL EDUCATION BY SOURCE OF FUNDS AND BY STATE (EXCLUDES CONSTRUCTION) FISCAL YEAR 1969

State	Grand Total	State	Local	Federal			
				Total	Smith-Hughes	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	$1,152,121,442	$396,794,930	$551,560,005	$203,766,507	$3,134,104	$24,014,844	$176,617,559
Alabama	22,849,188	8,105,084	9,874,550	4,869,554	143,330	1,140,254	3,585,970
Alaska	2,596,110	230,700	1,832,794	532,616	0	42,000	490,616
Arizona	8,610,882	2,192,297	4,235,576	2,183,009	0	55,917	2,127,092
Arkansas	10,157,277	3,088,904	3,663,805	3,404,568	0	474,863	2,929,705
California	78,359,894	813,149	60,110,010	17,436,735	534,067	2,528,217	14,374,451
Colorado	9,492,294	1,199,719	5,975,567	2,317,008	66,744	432,580	1,817,684
Connecticut	18,529,686	10,469,490	5,332,952	2,727,244	0	79,425	2,647,819
Delaware	3,882,849	2,884,902	411,248	586,699	27,024	205,453	354,222
Florida	38,242,513	26,373,034	7,211,404	4,658,075	0	213,314	4,444,761
Georgia	28,039,738	10,922,875	10,408,569	6,708,294	0	228,748	6,479,546
Hawaii	3,136,729	2,107,634	0	1,029,095	31,661	226,761	770,673
Idaho	4,254,930	1,661,129	1,353,480	1,240,321	39,430	333,375	867,516
Illinois	38,993,539	8,689,585	19,859,944	10,444,010	56,458	319,674	10,067,878
Indiana	19,366,624	1,378,365	12,821,319	5,166,940	193,488	1,438,156	3,535,296
Iowa	20,536,736	7,572,223	8,737,580	4,226,933	122,556	1,326,003	2,778,374
Kansas	11,328,583	2,124,772	6,259,243	2,944,568	91,385	782,101	2,071,082
Kentucky	19,932,691	14,198,417	1,120,825	4,613,449	5,675	219,121	4,388,653
Louisiana	16,138,199	828,559	9,806,151	5,503,489	134,293	905,503	4,463,693
Maine	5,638,581	2,139,878	2,229,559	1,269,144	0	61,401	1,207,743
Maryland	21,765,482	7,435,994	11,051,454	3,278,034	0	122,368	3,155,666
Massachusetts	30,242,289	515,606	25,653,659	4,073,024	179,461	810,589	3,082,974
Michigan	35,103,621	1,950,773	26,789,297	6,363,551	42,261	271,026	6,050,264
Minnesota	26,127,297	10,514,353	11,647,925	3,965,019	0	186,588	3,778,431
Mississippi	10,416,293	4,017,098	3,374,085	3,025,110	7,318	176,498	2,841,294
Missouri	22,420,794	4,962,475	14,200,492	3,257,827	173,605	1,388,763	1,695,459
Montana	3,478,993	644,885	1,954,456	879,652	37,984	276,767	564,901
Nebraska	6,470,814	832,346	3,438,893	2,199,575	4,400	96,930	2,098,245
Nevada	2,800,000	599,697	1,604,251	596,052	4,000	40,000	552,052
New Hampshire	3,131,318	1,517,221	886,835	727,262	4,000	36,000	687,262
New Jersey	25,464,972	11,762,459	8,973,632	4,728,881	154,498	100,051	4,474,332
New Mexico	4,857,177	268,380	2,998,641	1,590,156	6,000	46,895	1,537,261
New York	190,948,886	85,596,461	93,129,909	12,222,516	0	0	12,222,516
North Carolina	47,658,917	28,597,775	10,754,457	8,306,685	0	402,666	7,904,019
North Dakota	4,630,566	1,815,299	1,502,245	1,313,022	0	59,206	1,253,816
Ohio	41,919,491	20,925,699	14,973,256	6,020,536	369,365	2,197,475	3,453,696
Oklahoma	14,620,092	2,075,088	9,613,116	2,931,888	0	112,295	2,819,593
Oregon	14,818,163	3,772,383	8,578,286	2,467,494	0	87,460	2,380,034
Pennsylvania	53,048,963	8,604,798	37,145,861	7,298,304	0	418,402	6,879,902
Rhode Island	2,516,406	1,021,092	1,082,557	412,757	0	28,000	384,757
South Carolina	19,584,487	11,168,127	4,084,884	4,331,476	4,670	202,470	4,124,336
South Dakota	3,261,444	387,607	1,641,160	1,232,677	42,940	434,597	755,140
Tennessee	20,203,920	6,255,823	7,454,362	6,493,735	7,000	221,374	6,265,361
Texas	56,495,775	36,873,449	7,808,020	11,814,306	0	225,550	11,588,756
Utah	9,884,149	2,384,803	6,082,472	1,416,874	38,478	226,359	1,152,037
Vermont	2,737,947	836,183	1,308,634	593,130	0	157,796	435,334
Virginia	25,932,417	8,271,646	12,431,147	5,229,624	173,136	889,017	4,167,471
Washington	24,290,981	5,195,336	15,607,678	3,487,967	113,306	701,017	2,673,644
West Virginia	5,143,788	566,515	3,258,570	1,318,703	91,257	590,843	636,603
Wisconsin	40,855,018	7,333,562	29,744,428	3,777,028	99,314	564,969	3,112,745
Wyoming	2,321,305	159,724	1,540,767	620,814	30,000	176,183	414,631
Dist. of Columbia	2,383,671	1,711,124	0	672,547	0	226,183	446,364
Guam	514,732	282,989	0	231,743	0	80,000	151,743
Puerto Rico	15,494,848	10,546,623	0	4,948,225	105,000	1,391,117	3,452,108
Virgin Islands	489,383	410,821	0	78,562	0	56,524	22,038

Table 24

TOTAL EXPENDITURES FOR VOCATIONAL-TECHNICAL EDUCATION FROM FEDERAL V.E. ACT OF 1963 FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal (VE Act of 63)	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$1,151,519,769	$227,527,428	$923,992,341	$410,365,576	$513,626,765
Alabama	22,086,939	4,614,302	17,472,637	7,216,095	10,256,542
Alaska	2,274,314	490,616	1,783,698	217,247	1,566,451
Arizona	6,825,239	2,127,092	4,698,147	1,874,381	2,823,766
Arkansas	7,054,273	2,929,705	4,124,568	2,377,875	1,746,693
California	42,041,161	14,922,781	27,118,380	4,195	27,114,185
Colorado	8,071,099	2,017,684	6,053,415	1,199,719	4,853,696
Connecticut	22,320,600	2,647,819	19,672,781	15,175,590	4,497,191
Delaware	2,922,729	389,879	2,532,850	2,279,155	253,695
Florida	36,822,560	7,118,173	29,704,387	24,008,117	5,696,270
Georgia	24,229,552	6,941,546	17,288,006	10,427,757	6,860,249
Hawaii	2,254,726	770,673	1,484,053	1,484,053	0
Idaho	2,737,234	867,516	1,869,718	1,316,847	552,871
Illinois	32,800,080	10,282,878	22,517,202	7,657,645	14,859,557
Indiana	14,067,427	4,730,738	9,336,689	948,647	8,388,042
Iowa	24,533,415	2,778,374	21,755,041	11,703,881	10,051,160
Kansas	7,489,533	2,266,332	5,223,201	1,584,906	3,638,295
Kentucky	18,876,299	5,377,873	13,498,426	11,775,917	1,722,509
Louisiana	10,725,511	4,463,693	6,261,818	129,113	6,132,705
Maine	5,495,890	1,477,743	4,018,147	2,113,243	1,904,904
Maryland	21,978,910	3,962,496	18,016,414	7,535,779	10,480,635
Massachusetts	35,707,922	4,482,974	31,224,948	465,867	30,759,081
Michigan	39,108,592	9,268,724	29,839,868	1,711,704	28,128,164
Minnesota	25,193,114	4,897,544	20,295,570	8,951,405	11,344,165
Mississippi	11,446,836	4,217,108	7,229,728	3,230,842	3,998,886
Missouri	17,398,097	4,520,688	12,877,409	2,218,551	10,658,858
Montana	2,563,267	805,901	1,757,366	467,844	1,289,522
Nebraska	5,329,050	2,098,245	3,230,805	703,775	2,527,030
Nevada	2,419,699	552,052	1,867,647	580,607	1,287,040
New Hampshire	5,925,386	935,353	4,990,033	3,672,102	1,317,931
New Jersey	30,995,456	6,194,269	24,801,187	12,966,760	11,834,427
New Mexico	4,128,065	1,537,261	2,590,804	190,188	2,400,616
New York	234,022,492	17,023,218	216,999,274	109,457,127	107,542,147
North Carolina	42,641,775	8,569,019	34,072,756	24,512,346	9,560,410
North Dakota	3,880,503	1,253,816	2,626,687	1,705,707	920,980
Ohio	36,908,767	9,809,845	27,098,922	10,869,224	16,229,698
Oklahoma	14,319,056	3,683,257	10,635,799	2,184,859	8,450,940
Oregon	14,513,490	2,480,034	12,033,456	3,682,306	8,351,150
Pennsylvania	99,049,188	13,626,495	85,422,693	31,544,696	53,877,997
Rhode Island	3,569,601	1,097,087	2,472,514	1,723,411	749,103
South Carolina	17,609,455	4,498,405	13,111,050	9,938,512	3,172,538
South Dakota	1,873,884	835,140	1,038,744	188,727	850,017
Tennessee	16,965,291	6,314,718	10,650,573	5,763,154	4,887,419
Texas	62,985,151	15,070,518	47,914,633	36,604,348	11,310,285
Utah	8,054,043	1,211,106	6,842,937	2,126,876	4,716,061
Vermont	3,289,593	580,230	2,709,363	1,840,552	868,811
Virginia	17,682,665	5,811,849	11,870,816	3,165,028	8,705,788
Washington	15,982,213	2,909,780	13,072,433	3,129,707	9,942,726
West Virginia 1/	8,066,034	2,369,948	5,696,086	575,606	5,120,480
Wisconsin	40,722,432	4,945,707	35,776,725	7,234,616	28,542,109
Wyoming	1,447,288	414,631	1,032,657	149,687	882,970
Dist. of Columbia	1,870,893	543,244	1,327,649	1,327,649	0
Guam 2/	385,652	167,203	218,449	218,449	0
Puerto Rico	9,715,199	3,602,108	6,113,091	6,113,091	0
Virgin Islands	142,129	22,038	120,091	120,091	0

1/ Estimated

2/ Unvalidated data

Table 25

VOCATIONAL EDUCATION EXPENDITURES FOR SECONDARY EDUCATION FROM FEDERAL V.E. ACT OF 1963 FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$ 451,033,667	$70,602,561	$380,431,106	$159,073,813	$221,357,293
Alabama	9,552,995	2,716,424	6,836,571	6,483,212	353,359
Alaska	1,730,982	311,032	1,419,950	47,740	1,372,210
Arizona	2,806,825	855,467	1,951,358	486,356	1,465,002
Arkansas	2,499,360	791,111	1,708,249	215,016	1,493,233
California	14,594,477	5,491,863	9,102,614	0	9,102,614
Colorado	2,746,582	331,215	2,415,367	455,465	1,959,902
Connecticut	9,401,498	1,269,085	8,132,413	4,034,059	4,098,354
Delaware	2,359,254	254,715	2,104,539	1,857,558	246,981
Florida	10,853,490	1,148,637	9,704,853	7,657,279	2,047,574
Georgia	8,034,602	1,129,586	6,905,016	1,069,327	5,835,689
Hawaii	220,540	41,633	178,907	178,907	0
Idaho	818,711	300,879	517,832	42,697	475,135
Illinois	15,516,518	4,389,817	11,126,701	3,489,737	7,636,964
Indiana	3,706,223	1,104,869	2,601,354	448,060	2,153,294
Iowa	3,908,603	285,666	3,622,937	1,086,722	2,536,215
Kansas	2,829,772	738,520	2,091,252	652,032	1,439,220
Kentucky	8,320,487	1,770,310	6,550,177	6,057,967	492,210
Louisiana	4,155,938	1,600,953	2,554,985	0	2,554,985
Maine	2,595,096	628,568	1,966,528	148,522	1,818,006
Maryland	13,777,558	1,808,389	11,969,169	4,839,290	7,129,879
Massachusetts	19,412,633	1,934,410	17,478,223	0	17,478,223
Michigan	13,942,611	2,724,186	11,218,425	449,743	10,768,682
Minnesota	5,844,597	533,036	5,311,561	2,395,885	2,915,676
Mississippi	3,175,686	694,966	2,480,720	982,755	1,497,965
Missouri	4,009,143	992,234	3,016,909	460,706	2,556,203
Montana	871,408	175,277	696,131	241,263	454,868
Nebraska	2,828,080	1,053,819	1,774,261	54,854	1,719,407
Nevada	1,066,540	169,698	896,842	128,695	768,147
New Hampshire	734,910	145,446	589,464	35,985	553,479
New Jersey	19,987,640	2,889,872	17,097,768	9,495,867	7,601,901
New Mexico	1,707,018	616,452	1,090,566	35,774	1,054,792
New York	100,550,598	5,691,179	94,859,419	45,153,084	49,706,335
North Carolina	17,054,011	5,054,729	11,999,282	6,251,535	5,747,747
North Dakota	1,144,957	483,276	661,681	101,364	560,317
Ohio	16,000,179	904,503	15,095,676	8,554,656	6,541,020
Oklahoma	7,680,436	1,274,235	6,406,201	669,348	5,736 853
Oregon	5,863,685	767,114	5,096,571	26,952	5,069,619
Pennsylvania	25,337,492	2,508,172	22,829,320	3,694,264	19,135,056
Rhode Island	947,759	80,208	867,551	302,323	565,228
South Carolina	7,123,488	2,035,804	5,087,684	2,822,129	2,265,555
South Dakota	774,758	348,559	426,199	23,182	403,017
Tennessee	7,333,535	1,948,563	5,384,972	1,060,394	4,324,578
Texas	36,525,236	3,495,041	33,030,195	28,856,177	4,174,018
Utah	3.795.945	259,966	3,535,979	29,910	3,506,069
Vermont	913,518	243,595	669,923	52,797	617,126
Virginia	8,118,488	2,049,178	6,069,310	2,461,668	3,607,642
Washington	6,359,893	1,072,437	5,287,456	1,325,225	3,962,231
West Virginia	1,233,712	329,738	903,974	48,125	855,849
Wisconsin	3,954,148	1,427,277	2,526,871	0	2,526,871
Wyoming	655,615	131,575	524,040	52,047	471,993
Dist. of Columbia	866,099	234,289	631,810	631,810	0
Guam	154,055	61,696	92,359	92,359	0
Puerto Rico	4,504,012	1,286,182	3,217,830	3,217,830	0
Virgin Islands	132,271	17,110	115,161	115,161	0

Table 26

VOCATIONAL EDUCATION EXPENDITURES FOR POSTSECONDARY EDUCATION FROM FEDERAL V.E. ACT OF 1963 FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$252,826,178	$52,823,156	$200,003,022	$88,632,615	$111,370,407
Alabama	7,384,000	16,491	7,367,509	6,823	7,360,686
Alaska	356,738	156,557	200,181	19,265	180,916
Arizona	2,279,545	760,460	1,519,085	571,355	947,730
Arkansas	3,466,275	1,652,345	1,813,930	1,687,839	126,091
California	14,315,448	4,342,525	9,972,923	0	9,972,923
Colorado	2,691,705	1,004,207	1,687,498	109,631	1,577,867
Connecticut	2,381,201	343,649	2,037,552	2,037,552	0
Delaware	181,254	61,625	119,629	119,629	0
Florida	10,763,189	523,880	10,239,309	7,953,217	2,286,092
Georgia	8,087,766	3,013,218	5,074,548	4,885,599	188,949
Hawaii	1,651,979	590,185	1,061,794	1,061,794	0
Idaho	1,377,468	403,726	973,742	908,860	64,882
Illinois	9,861,068	3,359,432	6,501,636	1,914,811	4,586,825
Indiana	1,094,016	375,719	718,297	3,567	714,730
Iowa	8,784,124	1,977,087	6,807,037	3,914,163	2,892,874
Kansas	2,213,953	597,063	1,616,890	519,745	1,097,145
Kentucky	4,905,894	1,385,798	3,520,096	3,357,994	162,102
Louisiana	3,503,451	1,716,651	1,786,800	0	1,786,800
Maine	1,544,783	249,531	1,295,252	1,295,252	0
Maryland	3,379,450	616,179	2,763,271	1,086,715	1,676,556
Massachusetts	1,934,791	733,255	1,201,536	288,000	913,536
Michigan	9,316,469	1,817,021	7,499,448	238,568	7,260,880
Minnesota	11,522,101	1,931,348	9,590,753	4,235,949	5,354,804
Mississippi	2,734,955	1,061,443	1,673,512	1,215,704	457,808
Missouri	706,309	174,386	531,923	103,000	428,923
Montana	674,965	222,362	452,603	99,638	352,965
Nebraska	1,560,346	698,803	861,543	251,783	609,760
Nevada	527,853	213,429	314,424	49,653	264,771
New Hampshire	1,632,026	422,562	1,209,464	1,209,464	0
New Jersey	733,272	178,195	555,077	203,359	351,718
New Mexico	1,443,882	534,093	909,789	0	909,789
New York	36,881,883	1,403,290	35,478,593	17,029,725	18,448,868
North Carolina	10,398,466	2,393,650	8,004,816	7,833,764	171,052
North Dakota	1,955,610	405,548	1,550,062	1,337,421	212,641
Ohio	1,432,480	549,887	882,593	159,437	723,156
Oklahoma	1,868,843	666,875	1,201,968	156,104	1,045,864
Oregon	4,581,233	1,256,004	3,325,229	2,217,552	1,107,677
Pennsylvania	11,327,889	1,266,415	10,061,474	0	10,061,474
Rhode Island	414,660	14,653	400,007	400,007	0
South Carolina	6,850,078	1,596,434	5,253,644	5,179,987	73,657
South Dakota	544,398	256,973	287,425	45,328	242,097
Tennessee	5,854,183	2,863,571	2,990,612	2,912,833	77,779
Texas	8,895,256	4,446,815	4,448,441	2,224,619	2,223,822
Utah	2,063,789	444,324	1,619,465	1,619,465	0
Vermont	476,682	12,327	464,355	461,091	3,264
Virginia	3,343,419	1,356,428	1,986,991	171,861	1,815,130
Washington	6,450,998	1,027,965	5,423,033	1,359,206	4,063,827
West Virginia	0	0	0	0	0
Wisconsin	23,961,380	579,896	23,381,484	4,987,483	18,394,001
Wyoming	315,003	137,027	177,976	0	177,976
Dist. of Columbia	224,928	85,230	139,698	139,698	0
Guam	27,808	13,904	13,904	13,904	0
Puerto Rico	1,946,916	912,715	1,034,201	1,034,201	0
Virgin Islands	0	0	0	0	0

Table 27

VOCATIONAL EDUCATION EXPENDITURES FOR ADULT EDUCATION FROM FEDERAL V.E. ACT OF 1963 FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$72,008,987	$10,914,613	$61,094,374	$29,730,341	$31,364,033
Alabama	393,194	192,589	200,605	200,605	0
Alaska	28,697	8,308	20,389	19,621	768
Arizona	475,895	20,505	455,390	210,742	244,648
Arkansas	437,880	207,201	230,679	222,761	7,918
California	2,473,920	783,106	1,690,814	0	1,690,814
Colorado	572,579	14,799	557,780	156,040	401,740
Connecticut	786,970	78,543	708,427	702,769	5,658
Delaware	137,836	1,714	136,122	134,408	1,714
Florida	3,121,786	686,534	2,435,252	1,915,210	520,042
Georgia	2,615,362	841,889	1,773,473	1,651,928	121,545
Hawaii	79,218	24,590	54,628	54,628	0
Idaho	46,240	17,006	29,234	29,234	0
Illinois	1,890,916	616,520	1,274,396	651,722	622,674
Indiana	238,136	7,869	230,267	85,345	144,922
Iowa	1,346,707	2,988	1,343,719	620,325	723,394
Kansas	375,695	104,514	271,181	92,868	178,313
Kentucky	811,640	282,112	529,528	529,528	0
Louisiana	510,815	130,056	380,759	0	380,759
Maine	124,128	55,282	68,846	54,702	14,144
Maryland	342,783	163,492	179,291	42,814	136,477
Massachusetts	147,443	17,721	129,722	112,000	17,722
Michigan	3,249,764	524,120	2,725,644	86,540	2,639,104
Minnesota	1,822,922	207,179	1,615,743	1,178,829	436,914
Mississippi	579,093	287,709	291,384	239,487	51,897
Missouri	109,841	31,367	78,474	40,754	37,720
Montana	0	0	0	0	0
Nebraska	217,236	81,320	135,916	61,812	74,104
Nevada	142,720	45,550	97,170	23,875	73,295
New Hampshire	50,187	24,705	25,482	16,030	9,452
New Jersey	1,598,196	674,733	923,463	557,529	365,934
New Mexico	192,180	68,602	123,578	1,274	122,304
New York	23,132,750	1,115,132	22,017,618	10,480,385	11,537,233
North Carolina	1,812,978	0	1,812,978	1,809,847	3,131
North Dakota	140,245	68,967	71,278	2,715	68,563
Ohio	1,133,961	390,921	743,040	120,311	622,729
Oklahoma	494,225	142,902	351,323	157,369	193,954
Oregon	1,025,163	44,568	980,595	717,176	263,419
Pennsylvania	8,637,676	655,772	7,981,904	2,648,204	5,333,700
Rhode Island	114,881	34,240	80,641	60,512	20,129
South Carolina	888,307	108,522	779,785	548,601	231,184
South Dakota	83,065	36,416	46,649	5,167	41,482
Tennessee	591,130	198,223	392,907	341,079	51,828
Texas	2,168,017	226,526	1,941,491	1,429,608	511,883
Utah	252,263	86,759	165,504	152,796	12,708
Vermont	47,753	23,843	23,910	9,278	14,632
Virginia	395,654	101,749	293,905	122,415	171,490
Washington	1,328,975	369,770	959,205	207,415	751,790
West Virginia	253,372	80,954	172,418	62,359	110,059
Wisconsin	4,053,904	778,048	3,275,856	905,350	2,370,506
Wyoming	61,469	28,323	33,146	3,509	29,637
Dist. of Columbia	124,757	55,741	69,016	69,016	0
Guam	114,368	50,412	63,956	63,956	0
Puerto Rico	234,095	114,202	119,893	119,893	0
Virgin Islands	0	0	0	0	0

Table 28

VOCATIONAL EDUCATION EXPENDITURES FOR PERSONS WITH SPECIAL NEEDS FROM FEDERAL V.E. ACT OF 1963 FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$33,848,189	$7,884,454	$25,963,735	$11,905,016	$14,058,719
Alabama	216,380	45,925	170,455	27,008	143,447
Alaska	0	0	0	0	0
Arizona	404,482	193,278	211,204	204,899	6,305
Arkansas	225,101	89,653	135,448	37,847	97,601
California	2,037,001	732,788	1,304,213	0	1,304,213
Colorado	215,339	74,845	140,494	14,511	125,983
Connecticut	585,774	291,036	294,738	41,663	253,075
Delaware	0	0	0	0	0
Florida	271,167	117,897	153,270	119,887	33,383
Georgia	111,787	54,363	57,424	48,550	8,874
Hawaii	69,412	29,209	40,203	40,203	0
Idaho	23,193	9,580	13,613	9,980	3,633
Illinois	220,434	52,904	167,530	56,740	110,790
Indiana	979,307	309,122	670,185	65,000	605,185
Iowa	10,284	0	10,284	5,142	5,142
Kansas	695,037	332,224	362,813	88,841	273,972
Kentucky	442,366	102,200	340,166	292,795	47,371
Louisiana	213,869	97,977	115,892	0	115,892
Maine	13,259	3,770	9,489	7,583	1,906
Maryland	428,739	38,708	390,031	150,319	239,712
Massachusetts	297,375	130,532	166,843	0	166,843
Michigan	42,254	6,555	35,699	1,474	34,225
Minnesota	799,983	42,323	757,660	360,003	397,657
Mississippi	638,178	258,999	379,179	254,129	125,050
Missouri	101,236	31,469	69,767	11,196	58,571
Montana	19,289	9,479	9,810	0	9,810
Nebraska	124,426	50,128	74,298	0	74,298
Nevada	123,270	17,732	105,538	25,716	79,822
New Hampshire	8,532	4,212	4,320	4,320	0
New Jersey	567,908	192,186	375,722	375,722	0
New Mexico	130,543	35,330	95,213	0	95,213
New York	13,957,446	2,132,682	11,824,764	5,628,588	6,196,176
North Carolina	211,994	25,000	186,994	124,053	62,941
North Dakota	154,202	54,306	99,896	20,437	79,459
Ohio	2,357,326	31,416	2,325,910	1,757,788	568,122
Oklahoma	241,118	37,041	204,077	51,376	152,701
Oregon	539,728	101,478	438,250	2,706	435,544
Pennsylvania	278,479	134,538	143,941	0	143,941
Rhode Island	81,425	1,880	79,545	43,825	35,720
South Carolina	68,381	27,679	40,702	25,229	15,473
South Dakota	73,902	33,687	40,215	40,215	0
Tennessee	356,767	142,806	213,961	131,503	82,458
Texas	2,696,560	1,348,280	1,348,280	1,199,607	148,673
Utah	453,087	42,020	411,067	16,354	394,713
Vermont	28,394	7,065	21,329	2,086	19,243
Virginia	367,889	72,918	294,971	79,649	215,322
Washington	657,704	115,400	542,304	135,921	406,383
West Virginia	65,607	12,723	52,884	0	52,884
Wisconsin	785,961	1,852	784,109	174,547	609,562
Wyoming	35,994	14,563	21,431	0	21,431
Dist. of Columbia	72,949	27,434	45,515	45,515	0
Guam	15,891	4,926	10,965	10,965	0
Puerto Rico	331,460	160,336	171,124	171,124	0
Virgin Islands	0	0	0	0	0

Table 29

VOCATIONAL EDUCATION EXPENDITURES FOR AREA SCHOOL CONSTRUCTION (AND NUMBER OF PROJECTS) FROM FEDERAL V. E. ACT OF 1963 FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal	State and Local			Number of Projects
			Total	State	Local	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total	$216,635,081	$50,909,869	$165,725,212	$70,377,951	$95,347,261	345
Alabama	2,056,664	1,028,332	1,028,332	0	1,028,332	8
Alaska	0	0	0	0	0	0
Arizona	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0
California	2,489,336	548,330	1,941,006	0	1,941,006	6
Colorado	400,000	200,000	200,000	0	200,000	1
Connecticut	4,765,822	0	4,765,822	4,765,822	0	8
Delaware	156,867	35,657	121,210	116,210	5,000	3
Florida	6,410,534	2,673,412	3,737,122	3,639,119	98,003	20
Georgia	924,000	462,000	462,000	54,900	407,100	10
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	430,000	215,000	215,000	0	215,000	3
Indiana	4,390,596	1,195,442	3,195,154	0	3,195,154	2
Iowa	6,893,797	0	6,893,797	4,131,658	2,762,139	5
Kansas	398,866	195,250	203,616	0	203,616	9
Kentucky	2,377,898	989,220	1,388,678	586,154	802,524	20
Louisiana	0	0	0	0	0	0
Maine	540,000	270,000	270,000	270,000	0	1
Maryland	1,920,863	806,830	1,114,033	697,221	416,812	8
Massachusetts	12,136,568	1,400,000	10,736,568	0	10,736,568	11
Michigan	9,458,425	3,218,460	6,239,965	131,547	6,108,418	6
Minnesota	2,316,557	1,119,113	1,197,444	0	1,197,444	10
Mississippi	3,041,335	1,375,814	1,665,521	0	1,665,521	20
Missouri	7,491,795	2,825,229	4,666,566	489,013	4,177,553	17
Montana	482,000	241,000	241,000	0	241,000	1
Nebraska	0	0	0	0	0	0
Nevada	0	0	0	0	0	0
New Hampshire	3,200,495	248,091	2,952,404	2,197,404	755,000	5
New Jersey	6,879,748	1,719,937	5,159,811	1,719,937	3,439,874	13
New Mexico	0	0	0	0	0	0
New York	43,073,606	4,800,702	38,272,904	23,860,666	14,412,238	17
North Carolina	2,454,257	665,000	1,789,257	322,868	1,466,389	13
North Dakota	0	0	0	0	0	0
Ohio	12,712,298	6,356,149	6,356,149	0	6,356,149	11
Oklahoma	2,427,153	863,664	1,563,489	574,912	988,577	8
Oregon	965,957	100,000	865,957	0	865,957	2
Pennsylvania	48,598,252	6,746,593	41,851,659	23,596,701	18,254,958	12
Rhode Island	1,425,330	712,330	713,000	713,000	0	3
South Carolina	1,110,738	374,069	736,669	150,000	586,669	4
South Dakota	160,000	80,000	80,000	0	80,000	2
Tennessee	108,715	49,357	59,358	59,358	0	7
Texas	6,984,027	3,481,762	3,502,265	0	3,502,265	12
Utah	309,069	59,069	250,000	150,000	100,000	1
Vermont	1,360,150	144,896	1,215,254	1,215,254	0	7
Virginia	3,724,122	1,644,378	2,079,744	19,455	2,060,289	31
Washington	689,844	236,136	453,708	0	453,708	6
West Virginia	6,080,983	1,733,345	4,347,638	435,544	3,912,094	13
Wisconsin	4,544,866	1,832,962	2,711,904	0	2,711,904	5
Wyoming	0	0	0	0	0	0
Dist. of Columbia	347,628	96,880	250,748	250,748	0	1
Guam	30,920	15,460	15,460	15,460	0	1
Puerto Rico	365,000	150,000	215,000	215,000	0	2
Virgin Islands	0	0	0	0	0	0

Table 30

VOCATIONAL EDUCATION EXPENDITURES FOR ANCILLARY SERVICES FROM FEDERAL V. E. ACT OF 1963 FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$125,167,667	$34,392,775	$90,774,892	$50,645,840	$40,129,052
Alabama	2,483,706	614,541	1,869,165	498,447	1,370,718
Alaska	157,897	14,719	143,178	130,621	12,557
Arizona	858,492	297,382	561,110	401,029	160,081
Arkansas	425,657	189,395	236,262	214,412	21,850
California	6,130,979	3,024,169	3,106,810	4,195	3,102,615
Colorado	1,444,894	392,618	1,052,276	464,072	588,204
Connecticut	4,399,335	665,506	3,733,829	3,593,725	140,104
Delaware	87,518	36,168	51,350	51,350	0
Florida	5,402,394	1,967,813	3,434,581	2,723,405	711,176
Georgia	4,456,035	1,440,490	3,015,545	2,717,453	298,092
Hawaii	233,577	85,056	148,521	148,521	0
Idaho	471,622	136,325	335,297	326,076	9,221
Illinois	4,881,144	1,649,205	3,231,939	1,544,635	1,687,304
Indiana	3,659,149	1,737,717	1,921,432	346,675	1,574,757
Iowa	3,589,900	512,633	3,077,267	1,945,871	1,131,396
Kansas	976,210	298,761	677,449	231,420	446,029
Kentucky	2,018,014	848,233	1,169,781	951,479	218,302
Louisiana	2,341,438	918,056	1,423,382	129,113	1,294,269
Maine	678,624	270,592	408,032	337,184	70,848
Maryland	2,129,517	528,898	1,600,619	719,420	881,199
Massachusetts	1,779,112	267,056	1,512,056	65,867	1,446,189
Michigan	3,099,069	978,382	2,120,687	803,832	1,316,855
Minnesota	2,886,954	1,064,545	1,822,409	780,739	1,041,670
Mississippi	1,277,589	538,177	739,412	538,767	200,645
Missouri	4,979,773	466,003	4,513,770	1,113,882	3,399,888
Montana	515,605	157,783	357,822	126,943	230,879
Nebraska	598,962	214,175	384,787	335,326	49,461
Nevada	559,316	105,643	453,673	352,668	101,005
New Hampshire	299,236	90,337	208,899	208,899	0
New Jersey	1,228,692	539,346	689,346	614,346	75,000
New Mexico	654,442	282,784	371,658	153,140	218,518
New York	16,426,209	1,880,233	14,545,976	7,304,679	7,241,297
North Carolina	10,710,069	430,640	10,279,429	8,170,279	2,109,150
North Dakota	485,489	241,719	243,770	243,770	0
Ohio	3,272,523	1,576,969	1,695,554	277,032	1,418,522
Oklahoma	1,607,281	698,540	908,741	575,750	332,991
Oregon	1,537,724	210,870	1,326,854	717,920	608,934
Pennsylvania	4,869,400	2,315,005	2,554,395	1,605,527	948,868
Rhode Island	585,546	253,776	331,770	203,744	128,026
South Carolina	1,568,463	355,897	1,212,566	1,212,566	0
South Dakota	237,761	79,505	158,256	74,835	83,421
Tennessee	2,720,961	1,112,198	1,608,763	1,257,987	350,776
Texas	5,716,055	2,072,094	3,643,961	2,894,337	749,624
Utah	1,179,890	318,968	860,922	158,351	702,571
Vermont	463,096	148,504	314,592	100,046	214,546
Virginia	1,733,093	587,198	1,145,895	309,980	835,915
Washington	494,799	88,072	406,727	101,940	304,787
West Virginia	432,360	213,188	219,172	29,578	189,594
Wisconsin	3,422,173	325,672	3,096,501	1,167,236	1,929,265
Wyoming	379,207	103,143	276,064	94,131	181,933
Dist. of Columbia	234,532	43,670	190,862	190,862	0
Guam	42,610	20,805	21,805	21,805	0
Puerto Rico	2,333,716	978,673	1,355,043	1,355,043	0
Virgin Islands	9,858	4,928	4,930	4,930	0

Table 31

EXPENDITURES FOR VOCATIONAL EDUCATION FROM SMITH-HUGHES ACT AND MATCHING FUNDS FISCAL YEAR 1969

State	Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$18,746,554	$3,134,104	$15,612,450	$4,321,774	$11,290,676
Alabama	286,660	143,330	143,330	143,330	0
Alaska	0	0	0	0	0
Arizona	0	0	0	0	0
Arkansas	0	0	0	0	0
California	4,939,403	534,067	4,405,336	88,022	4,317,314
Colorado	216,332	66,744	149,588	0	149,588
Connecticut	0	0	0	0	0
Delaware	54,048	27,024	27,024	23,924	3,100
Florida	0	0	0	0	0
Georgia	0	0	0	0	0
Hawaii	123,076	31,661	91,415	91,415	0
Idaho	78,860	39,430	39,430	10,000	29,430
Illinois	113,515	56,458	57,057	14,382	42,675
Indiana	675,168	193,488	481,680	0	481,680
Iowa	245,112	122,556	122,556	0	122,556
Kansas	502,614	91,385	411,229	52,672	358,557
Kentucky	11,350	5,675	5,675	0	5,675
Louisiana	414,868	134,293	280,575	0	280,575
Maine	0	0	0	0	0
Maryland	0	0	0	0	0
Massachusetts	1,725,245	179,461	1,545,784	30,120	1,515,664
Michigan	308,362	42,261	266,101	19,783	246,318
Minnesota	0	0	0	0	0
Mississippi	14,636	7,318	7,318	7,318	0
Missouri	1,658,318	173,605	1,484,713	580,815	903,898
Montana	148,404	37,984	110,420	4,968	105,452
Nebraska	15,605	4,400	11,205	11,205	0
Nevada	8,000	4,000	4,000	4,000	0
New Hampshire	24,002	4,000	20,002	20,002	0
New Jersey	554,374	154,498	399,876	104,431	295,445
New Mexico	13,376	6,000	7,376	2,588	4,788
New York	0	0	0	0	0
North Carolina	0	0	0	0	0
North Dakota	0	0	0	0	0
Ohio	3,269,263	369,365	2,899,898	2,118,828	781,070
Oklahoma	0	0	0	0	0
Oregon	0	0	0	0	0
Pennsylvania	0	0	0	0	0
Rhode Island	0	0	0	0	0
South Carolina	9,340	4,670	4,670	4,670	0
South Dakota	93,000	42,940	50,060	10,246	39,814
Tennessee	14,000	7,000	7,000	7,000	0
Texas	0	0	0	0	0
Utah	262,313	38,478	223,835	48,349	175,486
Vermont	0	0	0	0	0
Virginia	1,469,098	173,136	1,295,962	620,817	675,145
Washington	290,392	113,306	177,086	11,531	165,555
West Virginia	398,987	91,257	307,730	0	307,730
Wisconsin	418,647	99,314	319,333	56,172	263,161
Wyoming	60,000	30,000	30,000	10,000	20,000
Dist. of Columbia	0	0	0	0	0
Guam	0	0	0	0	0
Puerto Rico	330,186	105,000	225,186	225,186	0
Virgin Islands	0	0	0	0	0

Table 32

EXPENDITURES FOR VOCATIONAL EDUCATION
FROM GEORGE-BARDEN ACT, TITLE I FUNDS AND MATCHING FUNDS
FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$169,312,276	$16,775,427	$152,536,849	$48,444,676	$104,092,173
Alabama	1,362,661	681,277	681,384	681,384	0
Alaska	321,796	42,000	279,796	13,453	266,343
Arizona	1,785,643	55,917	1,729,726	317,916	1,411,810
Arkansas	3,103,004	474,863	2,628,141	711,029	1,917,112
California	25,362,028	1,497,814	23,864,214	720,932	23,143,282
Colorado	1,021,874	258,191	763,683	0	763,683
Connecticut	974,908	79,425	895,483	59,722	835,761
Delaware	762,539	119,184	643,355	547,178	96,177
Florida	7,830,487	213,314	7,617,173	6,004,036	1,613,137
Georgia	4,734,186	228,748	4,505,438	550,018	3,955,420
Hawaii	554,667	134,702	419,965	419,965	0
Idaho	1,159,940	198,979	960,961	192,014	768,947
Illinois	6,509,944	319,674	6,190,270	1,017,558	5,172,712
Indiana	7,377,712	858,381	6,519,331	429,718	6,089,613
Iowa	1,581,924	790,962	790,962	0	790,962
Kansas	2,933,137	466,688	2,466,449	440,595	2,025,854
Kentucky	3,422,940	219,121	3,203,819	3,008,654	195,165
Louisiana	4,245,536	548,128	3,697,408	664,624	3,032,784
Maine	682,691	61,401	621,290	296,635	324,655
Maryland	1,707,435	122,368	1,585,067	597,436	987,631
Massachusetts	4,092,361	477,352	3,615,009	19,619	3,595,390
Michigan	5,145,092	271,026	4,874,066	350,833	4,523,233
Minnesota	3,250,740	186,588	3,064,152	1,562,948	1,501,204
Mississippi	1,996,156	176,498	1,819,658	778,938	1,040,720
Missouri	8,083,627	828,900	7,254,727	1,829,619	5,425,108
Montana	1,008,508	177,107	831,401	165,518	665,883
Nebraska	1,126,159	96,930	1,029,229	117,366	911,863
Nevada	372,301	40,000	332,301	15,090	317,211
New Hampshire	382,425	36,000	346,425	22,521	323,904
New Jersey	794,890	100,051	694,839	411,205	283,634
New Mexico	715,736	46,895	668,841	75,604	593,237
New York	0	0	0	0	0
North Carolina	7,471,399	402,666	7,068,733	4,408,297	2,660,436
North Dakota	750,063	59,206	690,857	109,592	581,265
Ohio	11,066,421	1,311,132	9,755,289	7,161,254	2,594,035
Oklahoma	2,728,189	112,295	2,615,894	465,141	2,150,753
Oregon	1,270,630	87,460	1,183,170	90,077	1,093,093
Pennsylvania	2,598,027	418,402	2,179,625	656,803	1,522,822
Rhode Island	372,135	28,000	344,135	10,681	333,454
South Carolina	3,076,430	202,470	2,873,960	1,374,945	1,499,015
South Dakota	1,096,612	259,393	837,219	109,815	727,404
Tennessee	3,333,344	221,374	3,111,970	545,027	2,566,943
Texas	494,651	225,550	269,101	269,101	0
Utah	1,539,478	135,143	1,404,335	113,410	1,290,925
Vermont	699,793	135,000	564,793	124,970	439,823
Virginia	9,993,665	759,094	9,234,571	4,372,425	4,862,146
Washington	5,569,149	414,078	5,155,071	1,513,843	3,641,228
West Virginia	2,030,682	356,091	1,674,591	365,871	1,308,720
Wisconsin	4,258,805	564,969	3,693,836	42,774	3,651,062
Wyoming	731,651	135,000	596,651	37	596,614
Dist. of Columbia	695,371	198,787	496,584	496,584	0
Guam	160,000	80,000	80,000	80,000	0
Puerto Rico	4,677,447	822,609	3,854,838	3,854,838	0
Virgin Islands	295,287	38,224	257,063	257,063	0

Table 33

EXPENDITURES FOR VOCATIONAL EDUCATION
FROM GEORGE-BARDEN ACT TITLE II FUNDS AND MATCHING FUNDS
FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$10,633,424	$1,954,903	$8,678,521	$1,992,138	$6,686,383
Alabama	479,917	114,744	365,173	30,930	334,242
Alaska	0	0	0	0	0
Arizona	0	0	0	0	0
Arkansas	0	0	0	0	0
California	3,624,213	257,601	3,366,612	0	3,366,612
Colorado	146,570	43,597	102,973	0	102,973
Connecticut	0	0	0	0	0
Delaware	46,750	23,375	23,375	23,375	0
Florida	0	0	0	0	0
Georgia	0	0	0	0	0
Hawaii	60,675	23,015	37,660	37,660	0
Idaho	71,993	33,599	38,394	37,499	895
Illinois	0	0	0	0	0
Indiana	332,829	144,944	187,885	0	187,885
Iowa	267,520	133,760	133,760	0	133,760
Kansas	189,075	78,853	110,222	28,609	81,613
Kentucky	0	0	0	0	0
Louisiana	191,089	90,857	100,232	34,822	65,410
Maine	0	0	0	0	0
Maryland	0	0	0	0	0
Massachusetts	162,214	83,309	78,905	0	78,905
Michigan	0	0	0	0	0
Minnesota	0	0	0	0	0
Mississippi	0	0	0	0	0
Missouri	1,386,542	139,966	1,246,576	632,151	614,425
Montana	97,071	29,616	67,455	3,118	64,337
Nebraska	0	0	0	0	0
Nevada	0	0	0	0	0
New Hampshire	0	0	0	0	0
New Jersey	0	0	0	0	0
New Mexico	0	0	0	0	0
New York	0	0	0	0	0
North Carolina	0	0	0	0	0
North Dakota	0	0	0	0	0
Ohio	967,075	221,586	745,489	248,912	496,577
Oklahoma	0	0	0	0	0
Oregon	0	0	0	0	0
Pennsylvania	0	0	0	0	0
Rhode Island	0	0	0	0	0
South Carolina	0	0	0	0	0
South Dakota	87,602	43,801	43,801	0	43,801
Tennessee	0	0	0	0	0
Texas	0	0	0	0	0
Utah	101,859	22,592	79,267	79,267	0
Vermont	108,711	22,796	85,915	85,915	0
Virginia	511,111	129,923	381,188	132,831	248,357
Washington	1,172,795	71,735	1,101,060	275,267	825,795
West Virginia	139,735	60,761	78,974	50,974	28,000
Wisconsin	0	0	0	0	0
Wyoming	25,592	12,796	12,796	0	12,796
Dist. of Columbia	153,843	22,796	131,047	131,047	0
Guam	0	0	0	0	0
Puerto Rico	284,254	142,127	142,127	142,127	0
Virgin Islands	24,389	6,754	17,635	17,635	0

Table 34

EXPENDITURES FOR VOCATIONAL EDUCATION FROM GEORGE-BARDEN ACT TITLE III FUNDS AND MATCHING FUNDS FISCAL YEAR 1969

State	Grand Total	Federal	State and Local		
			Total	State	Local
(1)	(2)	(3)	(4)	(5)	(6)
Total	$18,544,500	$5,284,514	$13,259,986	$2,048,717	$11,211,269
Alabama	689,675	344,233	345,442	33,344	312,098
Alaska	0	0	0	0	0
Arizona	0	0	0	0	0
Arkansas	0	0	0	0	0
California	4,882,425	772,802	4,109,623	0	4,109,623
Colorado	436,419	130,792	305,627	0	305,627
Connecticut	0	0	0	0	0
Delaware	253,650	62,894	190,756	127,480	63,276
Florida	0	0	0	0	0
Georgia	0	0	0	0	0
Hawaii	143,585	69,044	74,541	74,541	0
Idaho	206,903	100,797	106,106	104,769	1,337
Illinois	0	0	0	0	0
Indiana	1,304,084	434,831	869,253	0	869,253
Iowa	802,562	401,281	401,281	0	401,281
Kansas	613,090	236,560	376,530	17,990	358,540
Kentucky	0	0	0	0	0
Louisiana	561,195	266,518	294,677	0	294,677
Maine	0	0	0	0	0
Maryland	0	0	0	0	0
Massachusetts	691,115	249,928	441,187	0	441,187
Michigan	0	0	0	0	0
Minnesota	0	0	0	0	0
Mississippi	0	0	0	0	0
Missouri	1,386,005	419,897	966,108	190,352	775,756
Montana	143,743	70,044	73,699	3,437	70,262
Nebraska	0	0	0	0	0
Nevada	0	0	0	0	0
New Hampshire	0	0	0	0	0
New Jersey	0	0	0	0	0
New Mexico	0	0	0	0	0
New York	0	0	0	0	0
North Carolina	0	0	0	0	0
North Dakota	0	0	0	0	0
Ohio	2,420,263	664,757	1,755,506	527,481	1,228,025
Oklahoma	0	0	0	0	0
Oregon	0	0	0	0	0
Pennsylvania	0	0	0	0	0
Rhode Island	0	0	0	0	0
South Carolina	0	0	0	0	0
South Dakota	270,346	131,403	138,943	78,819	60,124
Tennessee	0	0	0	0	0
Texas	0	0	0	0	0
Utah	235,525	68,624	166,901	166,901	0
Vermont	0	0	0	0	0
Virginia	0	0	0	0	0
Washington	1,966,276	215,204	1,751,072	264,990	1,486,082
West Virginia	589,333	173,991	415,342	9,608	405,734
Wisconsin	0	0	0	0	0
Wyoming	56,774	28,387	28,387	0	28,387
Dist. of Columbia	11,192	4,600	6,592	6,592	0
Guam	0	0	0	0	0
Puerto Rico	852,762	426,381	426,381	426,381	0
Virgin Islands	27,578	11,546	16,032	16,032	0

Table 35

TOTAL FEDERAL EXPENDITURES FOR VOCATIONAL EDUCATION BY FUNCTION (EXCLUDES CONSTRUCTION) FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$203,766,507	$21,803,815	$10,402,676	$7,974,411	$127,657,381	$2,969,302	$28,812,018	$4,146,904
Alabama	4,869,554	199,241	353,789	79,806	4,031,578	0	14,726	190,414
Alaska	532,616	1,532	14,718	24,121	426,869	0	65,376	0
Arizona	2,183,009	84,893	168,038	42,875	617,497	2,880	1,228,945	37,881
Arkansas	3,404,568	637,526	255,522	50,895	2,393,442	3,467	0	63,716
California	17,436,735	3,883,443	1,062,094	88,023	8,340,418	54,441	3,991,168	17,148
Colorado	2,317,008	302,214	0	10,000	1,339,311	44,377	576,355	44,751
Connecticut	2,727,244	180,115	240,029	196,889	1,867,854	0	210,225	32,132
Delaware	586,699	43,144	83,745	41,635	355,697	0	33,774	28,704
Florida	4,658,075	481,703	909,584	444,129	409,061	149,815	2,177,085	86,698
Georgia	6,708,294	677,028	557,456	112,381	4,206,333	28,061	984,287	142,748
Hawaii	1,029,095	78,616	7,000	11,000	851,494	0	70,945	10,040
Idaho	1,240,321	78,881	0	73,871	1,039,989	0	29,832	17,748
Illinois	10,444,010	478,306	357,894	461,024	7,114,076	39,942	1,624,271	368,497
Indiana	5,166,940	824,980	0	310,557	2,706,717	221,829	901,806	201,051
Iowa	4,226,933	100,000	235,994	75,255	2,920,566	66,827	778,291	50,000
Kansas	2,944,568	302,526	111,827	41,638	1,940,231	21,167	486,162	41,017
Kentucky	4,613,449	700,149	0	301,807	2,988,026	32,442	551,317	39,708
Louisiana	5,503,489	374,666	339,825	280,638	4,315,611	20,000	0	172,749
Maine	1,269,144	271,978	0	25,020	803,370	0	168,776	0
Maryland	3,278,034	362,929	0	117,537	1,587,159	33,032	1,055,774	121,603
Massachusetts	4,073,024	305,632	120,326	109,867	2,742,951	0	656,068	138,180
Michigan	6,363,551	628,850	212,009	112,500	4,125,603	27,839	1,244,962	11,788
Minnesota	3,965,019	1,282,510	109,810	247,394	1,612,092	0	672,114	41,099
Mississippi	3,025,110	199,401	157,602	216,299	1,995,470	11,117	374,633	70,588
Missouri	3,257,827	4,233	393,577	118,978	1,706,724	0	983,187	51,128
Montana	879,652	174,500	0	74,898	528,984	0	93,371	7,899
Nebraska	2,199,575	59,544	81,868	112,316	1,650,476	0	288,793	6,578
Nevada	596,052	64,463	0	25,487	484,850	4,055	6,553	10,644
New Hampshire	727,262	44,586	30,500	19,234	279,233	287	347,521	5,901
New Jersey	4,728,881	26,820	479,950	589,325	1,934,282	1,538,125	129,315	31,064
New Mexico	1,590,156	105,724	127,184	43,665	1,248,569	9,010	34,700	21,304
New York	12,222,516	1,485,943	0	199,722	10,342,283	93,418	0	101,150
North Carolina	8,306,685	279,484	0	151,156	7,626,015	0	250,030	0
North Dakota	1,313,022	90,072	52,044	96,138	798,286	0	257,493	18,989
Ohio	6,020,536	784,411	491,622	557,148	2,439,034	17,565	1,161,816	568,940
Oklahoma	2,931,888	218,905	387,027	119,565	2,076,410	17,087	66,406	46,488
Oregon	2,467,494	164,395	50,441	130,397	1,866,432	12,198	227,343	16,288
Pennsylvania	7,298,304	1,430,964	0	827,045	4,515,952	232,154	175,520	116,669
Rhode Island	412,757	121,140	81,728	13,389	148,300	14,112	0	34,088
South Carolina	4,331,476	559,929	212,539	124,435	2,602,482	9,184	798,872	24,035
South Dakota	1,232,677	88,072	40,221	55,201	914,932	0	113,736	20,515
Tennessee	6,493,735	1,178,148	0	7,000	5,131,558	10,898	70,233	95,898
Texas	11,814,306	933,371	1,155,497	18,334	7,578,732	13,428	1,943,635	171,309
Utah	1,416,874	129,666	112,272	77,368	983,845	20,228	50,738	42,757
Vermont	593,130	126,124	9,266	29,078	398,591	0	11,780	18,291
Virginia	5,229,624	87,061	24,008	499,651	3,623,974	0	994,930	0
Washington	3,487,967	275,000	498,734	427,357	1,198,004	21,174	861,348	206,350
West Virginia	1,318,703	166,085	154,512	30,053	748,133	13,466	190,179	16,275
Wisconsin	3,777,028	313,098	317,847	57,608	1,827,833	15,677	1,127,111	117,854
Wyoming	620,814	41,853	127,191	44,224	374,898	0	31,864	784
Dist. of Columbia	672,547	43,670	0	0	481,330	0	147,547	0
Guam	231,743	24,482	4,892	0	180,019	0	18,310	4,040
Puerto Rico	4,948,225	276,000	272,494	50,478	3,184,059	170,000	531,788	463,406
Virgin Islands	78,562	25,809	0	0	51,746	0	1,007	0

Table 36

TOTAL STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL EDUCATION BY FUNCTION (EXCLUDES CONSTRUCTION) FISCAL YEAR 1969

State	Total	Adminis-tration	Supervision	Teacher Education	Instruction	Research	Instruc-tional Equipment	Vocational Guidance
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Total	$948,354,935	$62,007,222	$10,912,731	$12,578,015	$795,668,358	$4,740,623	$40,487,266	$21,960,720
Alabama	17,979,634	1,443,609	310,885	132,966	15,813,224	0	14,726	264,224
Alaska	2,063,494	132,549	12,557	18,598	1,400,060	0	499,730	0
Arizona	6,427,873	258,124	81,853	264,923	5,670,908	40,585	76,130	35,350
Arkansas	6,752,709	697,212	73,138	212,185	5,690,331	12,646	0	67,197
California	60,923,159	4,196,715	433,424	642,078	50,826,981	471,232	4,342,632	10,097
Colorado	7,175,286	673,395	0	305,195	5,519,554	41,253	587,733	48,156
Connecticut	15,802,442	2,943,858	275,946	80,325	11,501,917	0	804,654	195,742
Delaware	3,296,150	47,874	45,347	78,867	3,038,669	0	45,543	39,850
Florida	33,584,438	3,258,932	91,494	80,310	29,969,690	10,396	0	173,616
Georgia	21,331,444	2,060,049	500,130	158,025	16,331,625	9,450	1,797,031	475,134
Hawaii	2,107,634	142,861	46,538	31,308	1,685,711	0	34,133	167,083
Idaho	3,014,609	206,523	127,700	105,460	2,235,466	0	293,167	46,293
Illinois	28,549,529	1,051,531	362,394	230,362	24,177,685	591,146	1,082,847	1,053,564
Indiana	14,199,684	1,131,549	0	389,118	11,148,414	271,783	1,055,680	203,140
Iowa	16,309,803	1,425,901	249,959	390,350	11,702,637	133,409	1,514,456	893,091
Kansas	8,384,015	695,525	111,616	160,190	6,273,337	14,520	1,043,130	85,697
Kentucky	15,319,242	1,164,777	0	301,806	12,789,973	32,442	937,886	92,358
Louisiana	10,634,710	652,908	168,817	566,220	8,792,508	80,082	0	374,175
Maine	4,369,437	403,618	0	4,412	3,831,327	0	130,080	0
Maryland	18,487,448	1,034,418	0	191,209	15,766,043	51,366	1,035,155	409,257
Massachusetts	26,169,265	1,267,617	42,131	4,935	24,517,863	0	0	336,719
Michigan	28,740,070	1,062,299	497,551	621,435	25,253,490	42,651	1,244,962	17,682
Minnesota	22,162,278	3,940,149	106,953	279,697	15,914,914	27,776	1,566,402	326,387
Mississippi	7,391,183	307,646	128,982	404,789	5,770,770	9,566	664,381	105,049
Missouri	19,162,967	1,084,667	64,247	747,349	13,120,179	4,000	1,133,421	3,009,104
Montana	2,599,341	378,998	0	81,874	1,851,034	14,137	229,703	43,595
Nebraska	4,271,239	83,895	82,192	296,616	3,246,702	0	551,608	10,226
Nevada	2,203,948	177,571	155,556	43,350	1,737,791	4,055	64,360	21,265
New Hampshire	2,404,056	92,403	29,373	59,338	2,064,121	0	88,513	70,308
New Jersey	20,736,091	722,119	479,950	598,624	16,128,475	1,559,768	882,548	364,607
New Mexico	3,267,021	165,259	131,152	47,157	2,626,787	11,010	239,551	46,105
New York	178,726,370	7,099,473	726,707	0	164,180,394	0	0	6,719,796
North Carolina	39,352,232	8,714,129	0	267,413	23,867,254	11,677	4,816,140	1,675,619
North Dakota	3,317,544	45,777	33,561	199,571	2,874,239	0	157,192	7,204
Ohio	35,898,955	776,763	113,779	475,818	32,697,699	3,110	1,161,838	669,948
Oklahoma	11,688,204	404,839	350,766	130,294	10,624,022	29,655	51,983	96,645
Oregon	12,350,669	1,370,095	149,559	18,427	10,330,411	62,976	76,989	342,212
Pennsylvania	45,750,659	1,606,170	0	826,717	41,878,254	316,668	1,026,181	96,669
Rhode Island	2,103,649	285,021	35,373	13,389	1,746,688	0	0	23,178
South Carolina	15,253,011	1,966,685	392,949	131,559	11,010,249	16,099	1,706,239	29,231
South Dakota	2,028,767	178,791	41,062	55,281	1,613,249	0	119,785	20,599
Tennessee	13,710,185	1,366,608	719,407	384,853	10,099,725	72,380	964,886	102,326
Texas	44,681,469	1,439,080	1,442,117	145,836	38,462,750	483,950	2,299,952	407,784
Utah	8,467,275	320,054	23,080	119,938	6,780,479	2,780	765,316	455,628
Vermont	2,144,817	186,824	28,238	26,508	1,745,019	0	32,793	125,435
Virginia	20,702,793	291,225	643,585	1,219,850	16,989,424	0	1,558,709	0
Washington	20,803,014	175,287	370,597	550,121	18,183,482	14,941	1,226,567	282,019
West Virginia	3,825,085	207,401	73,820	133,345	3,327,545	14,300	55,042	13,632
Wisconsin	37,077,990	2,141,592	227,324	216,410	31,246,690	278,814	2,081,019	886,141
Wyoming	1,700,491	45,577	6,425	72,505	1,384,131	0	31,864	159,989
Dist. of Columbia	1,711,124	190,862	87,386	9,151	1,309,825	0	113,900	0
Guam	282,989	30,990	5,300	0	224,349	0	18,310	4,040
Puerto Rico	10,546,623	232,240	831,811	50,950	8,379,950	0	194,118	857,554
Virgin Islands	410,821	27,188	0	1,008	314,344	0	68,281	0

Table 37

TOTAL EXPENDITURES BY FUNCTION AND PERCENTAGE DISTRIBUTION
(EXCLUDES CONSTRUCTION)
FISCAL YEARS 1969, 1968, 1967

Function (1)	1969 (2)	Percent Distribution (3)	1968 (4)	Percent Distribution (5)	1967 (6)	Percent Distribution (7)
TOTAL	$1,152,121,442	100.0	$973,707,388	100.0	$796,998,124	100.0
Administration	83,811,037	7.3	73,679,256	7.6	52,840,746	6.6
Supervision	21,315,407	1.8	19,279,942	2.0	18,461,927	2.3
Teacher Training	20,552,426	1.8	18,690,333	1.9	14,302,601	1.8
Instruction	923,325,739	80.1	759,343,730	78.0	616,810,569	77.4
Research	7,709,925	0.7	9,139,519	0.9	7,672,963	1.0
Instructional Equipment	69,299,284	6.0	74,708,998	7.7	74,876,630	9.4
Vocational Guidance	26,107,624	2.3	18,865,610	1.9	12,032,688	1.5
Other Allowable	-	-	-	-	-	-

Table 38

TOTAL EXPENDITURES AND PERCENTAGE OF TOTAL FOR VOCATIONAL EDUCATION BY FUNCTION
(EXCLUDES CONSTRUCTION)
FISCAL YEAR 1969

Function (1)	Total (2)	Federal (3)	Percentage Distribution (4)	Federal as Percentage of Total (5)	State and Local (6)	Percentage Distribution (7)	State & Local Percentage of Total (8)
TOTAL	$1,152,121,442	$203,766,507	100.0	17.7	$948,354,935	100.0	82.3
Administration	83,811,037	21,803,815	10.7	26.0	62,007,222	6.5	74.0
Supervision	21,315,407	10,402,676	5.1	48.8	10,912,731	1.2	51.2
Teacher Education	20,552,426	7,974,411	3.9	38.8	12,578,015	1.3	61.2
Instruction	923,325,739	127,657,381	62.7	13.8	795,668,358	83.9	86.2
Research	7,709,925	2,969,302	1.5	38.5	4,740,623	0.5	61.5
Instructional Equipment	69,299,284	28,812,018	14.1	41.6	40,487,266	4.3	58.4
Vocational Guidance	26,107,624	4,146,904	2.0	15.9	21,960,720	2.3	84.1

Table 39

ENROLLMENT IN VOCATIONAL AGRICULTURE CLASSES, BY TYPE OF CLASS, SEX, AND STATE
FISCAL YEAR 1969

	Grand Total			Secondary								Postsecondary (Purpose 2) Full-Time Only				Adult				Persons With Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary					
State	Total	Male	Female	Male 1/	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male		Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	850,705	833,996	16,709	172,172	1,523	136,535	1,659	118,942	2,358	99,779	3,071	9,866	752	4,797	401	18,156	638	265,510	6,032	8,239	(26,813) 2/	275	(402) 2/
Alabama	43,156	43,156	-	8,060	-	7,925	-	6,035	-	4,647	-	-	-	-	-	-	-	16,271	-	218	(2,436)	-	-
Alaska	45	45	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	(45)	-	-
Arizona	3,397	3,072	325	669	118	757	54	616	31	557	82	268	20	90	8	-	-	115	12	-	-	-	-
Arkansas	27,305	27,304	1	6,020	-	5,202	-	3,923	-	2,561	-	82	-	26	1	-	-	8,864	-	626	(573)	-	-
California	32,718	29,038	3,680	5,608	604	6,351	739	5,742	698	4,587	493	2,371	353	1,148	150	1,565	441	635	85	1,031	-	117	-
Colorado	3,346	3,313	33	748	-	722	-	638	-	513	3	82	3	30	-	7	-	487	27	86	-	-	-
Connecticut	1,491	1,267	224	242	32	238	35	260	37	223	46	-	-	-	-	-	-	271	74	33	(12)	-	(1)
Delaware	982	926	56	206	13	244	19	186	8	140	16	-	-	-	-	80	-	70	-	-	(90)	-	(5)
Florida	21,696	21,410	286	8,595	110	4,098	10	2,984	30	2,443	45	974	12	298	3	141	3	561	66	1,316	-	7	-
Georgia	39,297	39,256	41	10,383	-	6,712	8	5,458	18	5,062	15	152	-	43	-	13	-	10,314	-	1,119	-	-	-
Hawaii	1,789	1,789	-	102	-	346	-	450	-	431	-	-	-	-	-	460	-	-	-	-	-	-	-
Idaho	4,744	4,743	1	1,216	-	1,144	-	955	-	763	-	70	-	44	-	-	-	543	-	8	(5)	1	-
Illinois	23,847	23,397	450	4,539	35	4,546	32	4,220	55	4,303	116	669	6	508	1	340	2	4,142	185	130	(77)	18	(4)
Indiana	17,834	17,719	115	3,570	14	2,970	26	2,851	29	2,586	27	-	-	-	-	2,154	-	3,504	19	84	-	-	-
Iowa	26,451	25,711	740	3,024	7	2,800	6	2,680	6	2,357	3	444	13	130	-	70	-	14,206	705	-	(2,613)	-	-
Kansas	8,416	8,391	25	1,981	2	1,881	3	1,719	5	1,424	15	71	-	19	-	-	-	1,296	-	-	(738)	-	-
Kentucky	17,973	17,838	135	4,546	27	3,571	19	2,868	23	2,763	66	7	-	23	-	-	-	4,012	-	48	(1,566)	-	(16)
Louisiana	18,423	18,423	-	5,212	-	4,065	-	3,454	-	2,924	-	-	-	-	-	678	-	2,078	-	12	(149)	-	-
Maine	588	586	2	153	-	148	1	141	-	122	1	-	-	-	-	-	-	22	-	-	-	-	-
Maryland	3,537	3,197	340	728	-	794	67	677	93	629	92	-	-	-	-	122	20	241	68	6	-	-	-
Massachusetts	1,092	1,045	47	256	4	259	1	225	6	194	7	46	2	13	-	27	12	25	15	-	-	-	-
Michigan	13,697	13,128	569	3,137	139	3,038	105	2,860	115	2,364	129	330	34	164	11	165	5	1,052	31	18	-	-	-
Minnesota	25,041	23,791	1,250	4,036	-	3,510	-	3,472	-	3,246	-	251	-	56	-	445	-	8,765	1,250	10	(1,665)	-	(88)
Mississippi	33,076	32,901	175	5,878	15	4,913	-	3,494	-	2,076	-	63	-	48	1	-	-	16,144	147	285	(173)	12	(136)
Missouri	16,304	16,304	-	3,433	-	3,303	-	2,943	-	2,754	-	98	-	8	-	948	-	2,788	-	29	-	-	-
Montana	3,656	3,620	36	856	8	788	11	735	3	701	3	92	-	33	-	-	-	415	11	-	-	-	-
Nebraska	7,330	7,302	28	1,378	1	1,295	1	1,379	14	1,266	1	109	11	60	-	651	-	1,112	-	52	(115)	-	-
Nevada	713	667	46	179	5	132	8	141	11	136	21	42	-	10	1	-	-	27	-	-	(69)	-	-
New Hampshire	747	722	25	149	1	130	1	102	0	85	2	137	12	103	9	-	-	16	-	-	-	-	-
New Jersey	1,978	1,761	217	413	23	327	22	270	12	242	24	-	-	-	-	148	13	61	102	300	(41)	21	-
New Mexico	2,916	2,916	-	804	-	868	-	642	-	474	-	20	-	12	-	-	-	96	-	-	(1,114)	-	-
New York	14,877	14,384	493	2,329	5	2,570	58	2,683	17	2,381	34	1,093	182	787	153	-	-	1,752	-	789	-	44	-
North Carolina	57,616	54,153	3,463	14,360	35	10,082	59	8,003	558	7,476	960	447	19	263	17	212	61	13,130	1,750	180	-	4	-
North Dakota	4,171	4,162	9	995	-	860	-	760	-	620	-	-	-	-	-	-	-	927	9	-	(672)	-	-
Ohio	27,104	26,100	1,004	3,831	25	3,816	71	3,652	115	3,249	115	173	1	73	1	25	-	11,034	663	247	(397)	13	(64)
Oklahoma	24,034	23,993	41	5,162	29	4,722	12	4,238	-	3,965	-	14	-	-	-	1,655	-	4,237	-	-	(3,992)	-	-
Oregon	7,871	7,563	308	1,767	75	1,749	69	1,585	75	1,352	55	244	9	122	7	51	1	536	17	157	-	-	-
Pennsylvania	13,214	12,887	327	2,561	65	2,463	100	2,134	94	1,872	55	167	-	63	-	201	-	3,421	13	5	-	-	-
Rhode Island	760	609	151	163	39	146	9	137	28	105	22	-	-	-	-	37	51	21	2	-	(24)	-	-
South Carolina	35,730	35,634	96	7,072	19	4,837	14	3,025	31	2,048	32	-	-	-	-	-	-	18,502	-	150	(4,106)	-	-
South Dakota	4,955	4,946	9	882	-	758	-	760	-	600	9	-	-	-	-	1,946	-	-	-	-	(345)	-	-
Tennessee	22,733	22,634	99	7,542	28	5,590	35	4,393	26	3,253	8	38	-	11	-	104	2	1,667	-	36	(234)	-	-
Texas	148,892	148,798	94	22,285	36	14,717	15	10,686	25	3,241	12	213	4	97	-	6	-	97,352	-	201	-	2	-
Utah	5,639	5,465	174	442	-	1,297	20	1,121	31	1,265	41	102	-	7	-	327	21	462	35	442	-	26	-
Vermont	1,003	957	46	173	3	140	4	169	9	185	20	-	-	-	-	-	-	274	-	16	-	10	-
Virginia	24,424	24,282	142	7,780	6	3,477	23	2,930	31	2,092	82	-	-	-	-	2,127	-	5,372	-	504	(1,229)	-	-
Washington	16,015	14,934	1,081	-	-	-	-	4,025	100	7,521	249	676	54	371	31	-	-	2,341	647	-	(3,543)	-	(80)
West Virginia	5,184	5,150	34	1,264	-	1,374	-	1,102	15	951	18	22	-	-	-	-	-	416	1	21	-	-	-
Wisconsin	23,400	23,124	276	4,277	-	4,218	-	4,805	0	4,408	148	237	17	121	7	235	6	4,823	98	-	(334)	-	(8)
Wyoming	2,182	2,167	15	465	-	490	2	472	9	504	4	24	-	16	-	-	-	196	-	-	(447)	-	-
Dist. of Columbia	38	38	-	-	-	9	-	12	-	8	-	-	-	-	-	-	-	9	-	-	(9)	-	-
Guam	6	6	-	-	-	-	-	1	-	2	-	3	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	7,229	7,229	-	2,682	-	133	-	119	-	104	-	35	-	-	-	3,171	-	905	-	80	-	-	-
Virgin Islands	43	43	-	19	-	10	-	10	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ Includes 6,897 males and 61 females below grade 9 level.

2/ In regular classes and received individual services.

Table 40

EXPENDITURES FOR VOCATIONAL AGRICULTURE EDUCATION BY SOURCE OF FUNDS AND BY STATE FISCAL YEAR 1969

State	Grand Total	State	Local	Federal			
				Total	Smith-Hughes	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	$117,781,415	$38,904,019	$52,868,962	$26,008,434	$1,370,113	$4,712,019	$19,926,302
Alabama	3,461,876	2,094,743	0	1,367,133	91,178	283,349	992,606
Alaska	18,344	18,344	0	0	0	0	0
Arizona	800,669	214,961	390,822	194,886	0	0	194,886
Arkansas	2,252,876	236,474	1,325,337	691,065	0	233,263	457,802
California	7,801,212	222,724	5,340,238	2,238,250	145,401	235,107	1,857,742
Colorado	809,765	67,321	502,196	240,248	28,760	89,720	121,768
Connecticut	431,882	203,077	171,803	57,002	0	0	57,002
Delaware	313,094	240,815	18,618	53,661	9,719	39,865	4,077
Florida	3,627,070	2,437,924	652,589	536,557	0	0	536,557
Georgia	3,554,755	303,014	2,596,097	655,644	0	0	655,644
Hawaii	247,819	195,819	0	52,000	12,000	40,000	0
Idaho	756,644	157,137	287,436	312,071	22,430	93,392	196,249
Illinois	4,876,547	1,036,274	2,430,025	1,410,248	30,674	0	1,379,574
Indiana	2,855,078	329,486	1,676,564	849,028	105,959	341,459	401,610
Iowa	3,078,416	673,338	1,699,632	705,446	77,278	465,787	162,381
Kansas	1,750,658	202,675	1,153,616	394,367	51,267	225,313	117,787
Kentucky	2,865,960	2,247,338	170,808	447,814	0	0	447,814
Louisiana	2,626,869	384,044	1,388,719	854,106	72,481	163,978	617,647
Maine	188,367	33,018	79,840	75,509	0	0	75,509
Maryland	967,292	272,396	423,953	270,943	0	0	270,943
Massachusetts	920,992	10,535	807,185	103,272	52,722	40,000	10,550
Michigan	2,270,377	137,102	1,709,212	424,063	0	0	424,063
Minnesota	4,302,851	1,879,971	1,775,924	646,956	0	0	646,956
Mississippi	2,340,086	797,403	940,517	602,166	0	0	602,166
Missouri	2,571,766	332,021	1,681,284	558,461	88,165	380,371	89,925
Montana	619,265	57,210	398,079	163,976	22,665	74,273	67,038
Nebraska	1,376,685	313,840	565,112	497,733	0	0	497,733
Nevada	184,275	22,004	99,007	63,264	0	0	63,264
New Hampshire	293,471	166,091	52,765	74,615	0	0	74,615
New Jersey	596,049	298,365	199,817	97,867	0	0	97,867
New Mexico	774,251	25,845	435,731	312,675	0	0	312,675
New York	4,428,141	1,863,822	2,037,053	527,266	0	0	527,266
North Carolina	6,728,505	2,209,695	2,266,266	2,252,544	0	0	2,252,544
North Dakota	726,833	103,865	330,148	292,820	0	0	292,820
Ohio	4,673,769	2,782,961	1,112,959	777,849	160,691	365,400	251,758
Oklahoma	3,426,203	180,558	2,646,428	599,217	0	0	599,217
Oregon	2,024,397	119,414	1,590,211	314,772	0	0	314,772
Pennsylvania	3,803,161	885,242	2,619,764	298,155	0	0	298,155
Rhode Island	123,693	13,533	67,639	42,521	0	0	42,521
South Carolina	2,946,893	1,709,324	739,130	498,439	0	0	498,439
South Dakota	574,446	48,939	277,171	248,336	26,273	144,670	77,393
Tennessee	2,381,944	324,554	1,473,554	583,836	0	0	583,836
Texas	11,964,621	9,678,134	748,063	1,538,424	0	0	1,538,424
Utah	693,053	80,390	507,406	105,257	15,735	40,000	49,522
Vermont	218,697	16,304	118,755	83,638	0	40,000	43,638
Virginia	3,660,772	1,436,586	1,490,306	733,880	105,196	279,355	349,329
Washington	2,711,202	404,670	1,743,352	563,180	56,942	114,817	391,421
West Virginia	762,801	82,033	507,887	172,881	68,796	85,043	19,042
Wisconsin	4,292,883	345,160	3,322,781	624,942	79,781	358,397	186,764
Wyoming	486,238	48,389	297,163	140,686	13,000	40,000	87,686
Dist. of Columbia	37,826	25,212	0	12,614	0	9,600	3,014
Guam	0	0	0	0	0	0	0
Puerto Rico	1,555,874	912,963	0	642,911	33,000	525,620	84,291
Virgin Islands	24,202	20,962	0	3,240	0	3,240	0

Table 41

FEDERAL EXPENDITURES FOR VOCATIONAL AGRICULTURE EDUCATION BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$26,008,431	$1,278,448	$1,662,822	$1,472,404	$19,350,337	$138,102	$1,932,894	$173,424
Alabama	1,367,133	0	27,307	17,909	1,321,917	0	0	0
Alaska	0	0	0	0	0	0	0	0
Arizona	194,886	25,776	34,400	0	27,463	0	90,246	17,001
Arkansas	691,065	21,739	78,941	6,377	582,244	0	0	1,764
California	2,238,250	437,495	248,816	26,407	1,177,039	0	348,493	0
Colorado	240,248	30,008	0	3,166	161,240	0	45,834	0
Connecticut	57,001	0	0	0	57,001	0	0	0
Delaware	53,661	4,077	8,416	8,900	31,080	0	1,188	0
Florida	536,557	66,778	113,534	69,932	146,370	0	121,775	18,168
Georgia	655,644	0	0	0	638,130	0	17,514	0
Hawaii	52,000	800	2,267	2,000	46,933	0	0	0
Idaho	312,071	2,315	0	11,685	294,861	0	3,210	0
Illinois	1,410,248	0	0	86,357	1,272,972	0	50,919	0
Indiana	849,027	57,275	0	49,124	647,109	49,568	45,951	0
Iowa	705,446	0	0	30,660	637,660	0	37,126	0
Kansas	394,367	32,425	35,376	17,436	293,345	296	11,032	4,457
Kentucky	447,814	62,379	0	47,522	315,345	0	22,213	355
Louisiana	854,106	18,767	93,468	94,613	647,258	0	0	0
Maine	75,509	8,389	0	0	59,912	0	7,208	0
Maryland	270,943	21,777	0	7,825	189,378	0	51,963	0
Massachusetts	103,272	6,839	16,956	10,633	46,949	0	14,550	7,345
Michigan	424,063	0	61,422	8,909	316,092	0	37,640	0
Minnesota	646,956	102,335	0	51,755	468,162	0	24,033	671
Mississippi	602,166	21,878	43,666	70,741	447,801	0	18,080	0
Missouri	558,461	0	0	21,879	446,657	0	89,925	0
Montana	163,976	16,237	0	20,029	111,489	0	16,221	0
Nebraska	497,733	0	26,725	45,000	376,632	0	49,376	0
Nevada	63,264	0	0	4,605	57,107	0	1,552	0
New Hampshire	74,615	1,076	5,992	0	61,054	0	6,493	0
New Jersey	97,867	2,682	43,246	14,665	9,359	23,072	2,092	2,751
New Mexico	312,675	0	25,594	20,250	262,038	0	4,793	0
New York	527,266	0	0	0	527,266	0	0	0
North Carolina	2,252,544	71,822	0	48,784	2,090,078	0	41,860	0
North Dakota	292,820	0	9,597	51,559	208,032	0	23,632	0
Ohio	777,849	30,243	138,302	156,804	346,412	7,941	78,861	19,286
Oklahoma	599,217	775	80,663	35,163	482,385	0	231	0
Oregon	314,772	1,305	152	2,258	299,632	1,500	9,925	0
Pennsylvania	298,154	133,856	0	57,528	56,413	49,850	507	0
Rhode Island	42,521	0	6,409	7,124	28,988	0	0	0
South Carolina	498,439	0	43,718	52,470	342,251	0	60,000	0
South Dakota	248,336	0	12,921	12,803	205,256	0	17,356	0
Tennessee	583,836	2,883	0	0	577,320	0	3,633	0
Texas	1,538,424	0	250,458	0	1,200,244	0	87,722	0
Utah	105,257	0	21,122	13,940	70,195	0	0	0
Vermont	83,638	0	0	13,652	68,947	0	1,039	0
Virginia	733,880	0	0	7,404	489,265	0	237,211	0
Washington	563,180	49,724	105,136	204,845	72,555	5,192	87,435	38,293
West Virginia	172,881	5,219	40,624	13,050	98,392	0	15,596	0
Wisconsin	624,942	4,225	42,948	8,436	531,179	683	36,138	1,333
Wyoming	140,686	4,160	38,153	13,347	84,684	0	342	0
Dist. of Columbia	12,614	0	0	0	9,859	0	2,755	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	642,911	31,000	6,493	24,858	409,336	0	109,224	62,000
Virgin Islands	3,240	2,189	0	0	1,051	0	0	0

Table 42

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL AGRICULTURE EDUCATION BY FUNCTION
FISCAL YEAR 1969

State	Total	Adminis-tration	Supervision	Teacher Education	Instruction	Research	Instruc-tional Equipment	Vocational Guidance
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Total	$91,772,982	$1,851,899	$1,686,131	$2,663,319	$82,614,762	$167,564	$2,526,075	$263,232
Alabama	2,094,743	0	0	17,909	2,076,834	0	0	0
Alaska	18,344	0	0	0	18,344	0	0	0
Arizona	605,783	15,303	11,299	54,173	513,538	7,000	0	4,470
Arkansas	1,561,811	21,740	0	8,922	1,529,385	0	0	1,764
California	5,562,963	372,568	114,451	580,462	4,149,410	0	346,072	0
Colorado	569,517	25,135	0	73,225	425,084	0	46,073	0
Connecticut	374,880	0	0	0	371,773	0	3,107	0
Delaware	259,433	7,274	9,263	38,167	203,541	0	1,188	0
Florida	3,090,513	37,504	678	32,535	3,019,796	0	0	0
Georgia	2,899,111	0	0	0	2,885,126	0	13,985	0
Hawaii	195,819	5,804	5,889	2,000	182,126	0	0	0
Idaho	444,573	18,781	34,933	29,657	346,990	0	14,212	0
Illinois	3,466,299	0	0	86,356	3,346,000	0	33,943	0
Indiana	2,006,050	60,862	0	59,293	1,787,241	52,703	45,951	0
Iowa	2,372,970	0	0	47,010	2,259,051	0	66,909	0
Kansas	1,356,291	73,845	38,969	65,470	1,142,704	842	27,566	6,895
Kentucky	2,418,146	67,583	0	47,522	2,288,348	0	13,749	944
Louisiana	1,772,763	41,789	58,733	100,295	1,571,946	0	0	0
Maine	112,858	7,578	0	0	98,071	0	7,209	0
Maryland	696,349	21,777	0	7,825	615,035	0	51,712	0
Massachusetts	817,720	61,446	5,677	0	750,356	0	0	241
Michigan	1,846,314	0	61,422	66,687	1,680,565	0	37,640	0
Minnesota	3,655,895	366,149	0	51,755	3,124,052	0	108,822	5,117
Mississippi	1,737,920	0	34,887	142,587	1,479,378	0	81,068	0
Missouri	2,013,305	0	0	69,291	1,833,401	0	110,613	0
Montana	455,289	20,984	0	22,689	376,102	0	35,514	0
Nebraska	878,952	0	26,730	71,108	688,091	0	93,023	0
Nevada	121,011	0	0	10,432	106,623	0	3,956	0
New Hampshire	218,856	1,076	5,592	0	205,695	0	6,493	0
New Jersey	498,182	14,028	43,246	14,665	368,728	23,396	14,840	19,279
New Mexico	461,576	0	25,595	21,678	357,942	0	56,361	0
New York	3,900,875	0	0	0	3,900,875	0	0	0
North Carolina	4,475,961	167,770	0	54,887	3,984,671	0	268,630	3
North Dakota	434,013	0	3,788	15,559	391,034	0	23,632	0
Ohio	3,895,920	5,407	1,761	76,775	3,729,109	3,110	78,861	897
Oklahoma	2,826,986	2,499	75,693	37,752	2,710,385	0	0	657
Oregon	1,709,625	0	40,626	0	1,665,230	2,987	782	0
Pennsylvania	3,505,006	133,856	0	57,528	3,279,657	29,401	4,564	0
Rhode Island	81,172	0	6,409	7,124	67,639	0	0	0
South Carolina	2,448,454	0	135,114	54,378	2,176,151	0	82,811	0
South Dakota	326,110	0	13,136	12,803	282,816	0	17,355	0
Tennessee	1,798,108	0	159,538	110,595	1,428,882	0	99,093	0
Texas	10,426,197	0	310,568	0	10,023,102	0	92,527	0
Utah	587,796	0	4,895	31,546	511,311	0	40,044	0
Vermont	135,059	0	0	8,803	124,397	0	1,859	0
Virginia	2,926,892	9,277	181,139	131,296	2,191,603	0	413,577	0
Washington	2,148,022	28,570	41,815	231,911	1,696,558	4,392	94,232	50,544
West Virginia	589,921	4,047	24,466	41,990	507,059	0	12,359	0
Wisconsin	3,667,941	221,231	43,916	30,454	3,160,477	43,733	57,709	110,421
Wyoming	345,552	4,689	2,536	13,347	324,638	0	342	0
Dist. of Columbia	25,211	0	0	0	25,211	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	912,963	31,000	163,367	24,858	614,906	0	16,832	62,000
Virgin Islands	20,962	2,327	0	0	17,775	0	860	0

Table 43

ENROLLMENT IN VOCATIONAL DISTRIBUTIVE EDUCATION, BY TYPE OF CLASS, SEX, AND STATE
FISCAL YEAR 1969

State	Grand Total			Secondary								Postsecondary (Purpose 2) Full-Time Only				Adult				Persons with Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary		Male		Female	
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	563,431	312,705	250,726	453	419	5,906	5,356	34,658	36,061	52,161	49,192	32,291	10,890	12,745	4,792	37,582	33,996	130,239	106,159	6,670	(5,932) 1/	3,861	(5,914) 1/
Alabama	5,145	2,649	2,496	2	3	177	108	540	256	717	371	137	18	79	7	269	633	728	1,100	-	-	-	-
Alaska	974	457	517	100	184	30	47	108	100	219	186	-	-	-	-	-	-	-	-	-	(344)	-	(440)
Arizona	12,209	8,331	3,878	5	3	-	1	519	898	404	538	310	97	178	34	30	334	6,885	1,962	-	-	11	-
Arkansas	4,309	2,366	1,943	-	-	93	59	197	79	412	229	7	16	8	1	136	359	1,447	1,137	66	(7)	63	(133)
California	99,010	57,626	41,384	10	6	210	217	1,215	1,860	1,850	2,760	5,298	2,410	2,756	1,036	16,535	6,709	29,752	24,386	-	(533)	-	(392)
Colorado	9,914	5,523	4,391	-	-	-	-	434	204	990	1,008	609	343	677	225	445	302	2,029	2,273	339	-	36	-
Connecticut	2,835	1,639	1,196	-	-	-	-	738	659	588	463	141	31	86	21	63	8	-	-	23	(61)	14	(2)
Delaware	1,028	482	546	-	-	39	43	154	155	231	163	6	5	-	-	-	-	52	180	-	-	-	-
Florida	46,761	25,130	21,631	-	-	140	127	406	381	1,134	1,227	10,940	3,298	3,044	1,089	2,301	3,263	7,150	12,193	15	-	53	-
Georgia	15,645	6,894	8,751	-	-	3	4	659	390	972	637	206	116	80	24	247	827	4,865	6,475	162	-	278	-
Hawaii	661	338	323	-	-	-	-	-	-	78	134	45	26	28	26	166	58	21	79	-	-	-	-
Idaho	878	455	423	-	-	1	3	114	123	222	151	63	21	31	14	13	82	8	29	5	(35)	-	(22)
Illinois	11,867	7,759	4,108	-	-	22	33	454	435	1,688	1,985	2,288	344	203	18	1,046	568	341	174	1,717	(75)	551	(115)
Indiana	3,860	1,842	2,018	-	-	-	-	959	1,195	514	582	27	6	16	8	-	-	187	99	139	(82)	128	(98)
Iowa	3,611	2,319	1,292	-	-	-	-	-	-	595	590	183	79	55	35	-	-	1,486	588	-	(176)	-	116
Kansas	6,994	3,891	3,103	-	-	136	132	429	522	241	343	19	2	164	16	-	-	2,902	2,088	-	-	-	-
Kentucky	9,598	3,938	5,660	-	-	97	127	431	365	696	561	-	-	-	-	4	78	2,710	4,529	-	(56)	-	(46)
Louisiana	9,204	4,325	4,879	1	5	95	153	453	364	860	604	63	18	17	2	440	1,301	2,113	2,205	283	(146)	227	(129)
Maine	560	396	164	-	-	-	-	43	72	46	44	47	1	22	1	-	-	238	46	-	(8)	-	(1)
Maryland	3,119	1,733	1,386	-	-	25	36	398	462	459	394	432	74	143	22	-	-	292	378	4	-	-	-
Massachusetts	2,061	1,266	795	-	-	21	16	275	230	344	392	233	50	151	37	156	33	86	37	-	-	-	-
Michigan	37,957	25,874	12,083	2	2	154	179	2,703	3,116	5,187	4,710	787	252	473	115	2,080	1,183	14,435	2,485	53	(935)	41	(1,028)
Minnesota	11,274	6,431	4,843	-	-	-	-	1,088	810	1,222	831	385	374	180	67	28	209	3,123	2,240	227	(877)	312	(668)
Mississippi	6,128	2,540	3,588	-	-	31	20	169	98	303	238	69	15	42	14	125	385	1,797	2,799	4	-	19	-
Missouri	11,327	4,523	6,804	-	-	130	128	905	664	1,875	1,452	214	53	64	9	308	2,452	974	2,016	33	-	30	-
Montana	798	392	406	-	-	-	-	79	165	283	235	24	4	6	2	-	-	-	-	-	-	-	-
Nebraska	2,677	1,452	1,225	-	-	-	-	366	465	392	335	21	4	8	4	79	117	586	300	-	-	-	-
Nevada	1,291	933	358	-	-	3	2	21	42	110	195	-	-	-	-	666	49	53	70	80	-	-	-
New Hampshire	63	36	27	-	-	-	-	13	7	23	20	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	5,445	2,606	2,839	102	87	290	203	898	980	1,123	1,362	23	11	-	-	25	50	126	114	19	(90)	32	(137)
New Mexico	2,080	1,060	1,020	85	1	92	15	281	323	509	480	44	1	14	1	30	167	5	32	-	(213)	-	(51)
New York	46,707	22,613	24,094	-	-	1,897	2,013	7,219	8,822	8,103	7,788	1,880	1,112	1,199	986	-	-	1,826	2,974	489	-	399	-
North Carolina	14,761	8,806	5,955	2	-	287	220	1,689	1,401	2,584	2,392	71	1	46	3	440	101	2,406	913	1,281	-	924	-
North Dakota	527	353	174	-	-	-	-	93	55	156	114	82	4	22	1	-	-	-	-	-	(67)	-	(23)
Ohio	19,497	11,879	7,618	-	-	34	61	1,253	1,219	2,930	2,567	453	76	76	21	138	349	6,740	3,263	255	(65)	62	(36)
Oklahoma	2,973	1,488	1,485	-	-	144	184	342	308	617	512	11	2	-	-	17	131	349	340	8	(85)	8	(112)
Oregon	4,377	2,760	1,617	1	-	40	4	287	213	847	703	315	72	199	143	707	302	341	174	23	-	6	-
Pennsylvania	15,144	7,394	7,750	11	19	69	44	1,743	2,787	1,268	1,904	271	112	141	68	951	1,068	2,940	1,748	-	(253)	-	(71)
Rhode Island	371	133	238	-	-	-	-	24	58	68	136	19	26	6	3	-	-	16	15	-	-	-	-
South Carolina	4,661	2,735	1,926	20	6	200	166	524	502	581	566	25	-	-	-	35	145	1,310	521	40	-	20	-
South Dakota	779	429	350	-	-	-	-	-	-	301	289	-	-	-	-	-	-	128	61	-	(43)	-	(59)
Tennessee	8,134	4,038	4,096	-	-	-	-	889	667	1,328	724	98	14	26	1	299	1,142	1,352	1,484	46	(29)	64	(4)
Texas	38,296	22,014	16,282	-	-	-	-	2,843	2,117	4,039	2,932	1,031	173	183	21	1,649	1,852	12,071	9,078	198	-	108	-
Utah	6,514	2,728	3,786	3	8	7	1	101	50	736	547	86	33	5	2	472	294	915	2,640	403	-	211	-
Vermont	540	305	235	-	-	-	-	56	80	89	50	-	-	-	-	113	65	47	40	-	-	-	-
Virginia	36,386	19,320	17,066	109	95	1,321	869	1,903	1,314	2,207	1,640	84	52	46	17	5,425	5,650	8,151	7,376	74	(1,418)	53	(2,079)
Washington	15,958	10,164	5,794	-	-	-	-	120	147	1,308	1,953	3,687	1,193	1,834	591	69	66	3,146	1,844	-	(26)	-	(42)
West Virginia	698	293	405	-	-	-	-	9	19	163	232	-	-	-	-	57	48	64	106	-	-	-	-
Wisconsin	8,266	5,299	2,967	-	-	-	-	164	279	240	449	1,237	294	421	90	1,659	1,141	1,578	714	-	(302)	-	(112)
Wyoming	602	309	293	-	-	2	1	63	92	120	125	4	-	1	-	-	-	116	74	3	-	1	-
Dist. of Columbia	674	142	532	-	-	7	15	15	33	36	43	-	-	-	-	19	92	65	222	-	(6)	127	-
Guam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	8,283	4,277	4,006	-	-	89	125	272	478	153	306	116	57	35	17	342	383	2,589	2,558	681	-	82	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ In regular classes and received individual services.

Table 44

EXPENDITURES FOR VOCATIONAL DISTRIBUTIVE EDUCATION BY SOURCE OF FUNDS AND BY STATE FISCAL YEAR 1969

State	Grand Total	State	Local	Federal			
				Total	Smith-Hughes	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	$58,179,918	$21,608,854	$26,318,122	$10,252,942	0	$1,039,309	$9,213,633
Alabama	669,751	414,910	8,000	246,841	0	44,954	201,887
Alaska	158,876	976	134,888	23,012	0	0	23,012
Arizona	647,828	176,473	338,107	133,248	0	0	133,248
Arkansas	301,012	25,867	138,844	136,301	0	24,581	111,720
California	2,290,424	69,442	1,449,971	771,011	0	216,285	554,726
Colorado	641,398	129,381	394,478	117,539	0	24,136	93,403
Connecticut	696,103	164,852	329,642	201,609	0	0	201,609
Delaware	475,396	315,623	51,142	108,631	0	14,481	94,150
Florida	4,562,530	3,317,996	885,327	359,207	0	0	359,207
Georgia	1,035,334	229,471	657,941	147,922	0	0	147,922
Hawaii	164,144	97,146	0	66,998	0	15,000	51,998
Idaho	225,645	124,301	46,683	54,661	0	15,000	39,661
Illinois	2,195,811	499,764	1,090,222	605,825	0	0	605,825
Indiana	692,993	65,281	406,538	221,174	0	64,161	157,013
Iowa	854,093	253,467	347,157	253,469	0	37,947	215,522
Kansas	667,364	157,490	359,820	150,054	0	29,936	120,118
Kentucky	675,084	468,071	58,049	148,964	0	0	148,964
Louisiana	673,624	105,749	413,816	154,059	0	44,820	109,239
Maine	80,868	34,500	19,988	26,380	0	0	26,380
Maryland	567,554	153,591	296,024	117,939	0	0	117,939
Massachusetts	453,994	25,201	231,761	197,032	0	70,850	126,182
Michigan	2,538,431	115,919	2,000,326	422,186	0	0	422,186
Minnesota	1,663,309	710,632	760,897	191,780	0	0	191,780
Mississippi	382,351	141,995	110,383	129,973	0	0	129,973
Missouri	1,309,212	220,164	881,937	207,111	0	59,445	147,666
Montana	157,487	28,227	79,217	50,043	0	14,916	35,127
Nebraska	284,429	50,208	134,923	99,298	0	0	99,298
Nevada	90,151	11,031	65,017	14,103	0	0	14,103
New Hampshire	17,401	3,382	5,129	8,890	0	0	8,890
New Jersey	1,694,591	625,107	507,631	561,853	0	0	561,853
New Mexico	224,579	12,066	118,526	93,987	0	0	93,987
New York	10,056,499	4,601,065	5,024,916	430,518	0	0	430,518
North Carolina	2,026,478	779,984	581,281	665,213	0	0	665,213
North Dakota	135,376	35,252	50,531	49,593	0	0	49,593
Ohio	3,003,957	1,888,552	758,409	356,996	0	133,570	223,426
Oklahoma	470,577	63,564	329,731	77,282	0	0	77,282
Oregon	861,420	223,283	484,172	153,965	0	0	153,965
Pennsylvania	2,367,067	527,230	1,482,876	356,961	0	0	356,961
Rhode Island	118,122	40,194	51,488	26,440	0	0	26,440
South Carolina	441,400	150,270	143,972	147,158	0	0	147,158
South Dakota	132,436	6,865	59,406	66,165	0	15,000	51,165
Tennessee	791,226	116,993	438,207	236,026	0	0	236,026
Texas	3,031,962	2,207,846	397,408	426,708	0	0	426,708
Utah	450,270	59,349	290,692	100,229	0	14,668	85,561
Vermont	60,725	4,840	34,128	21,757	0	15,000	6,757
Virginia	2,771,492	1,239,250	1,300,153	232,089	0	54,589	177,500
Washington	1,606,639	329,583	953,793	323,263	0	39,263	284,000
West Virginia	92,702	2,261	64,984	25,457	0	25,457	0
Wisconsin	2,099,067	319,390	1,473,118	306,559	0	0	306,559
Wyoming	148,153	19,603	76,473	52,077	0	15,000	37,077
Dist. of Columbia	119,357	96,545	0	22,812	0	15,000	7,812
Guam	0	0	0	0	0	0	0
Puerto Rico	287,580	135,924	0	151,656	0	32,332	119,324
Virgin Islands	15,646	12,728	0	2,918	0	2,918	0

Table 45

FEDERAL EXPENDITURES FOR VOCATIONAL DISTRIBUTIVE EDUCATION BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$10,252,944	$525,803	$876,001	$595,076	$7,226,397	$118,560	$810,193	$100,914
Alabama	246,841	0	31,105	6,469	201,267	0	8,000	0
Alaska	23,012	0	0	796	22,216	0	0	0
Arizona	133,248	12,801	23,590	0	39,384	0	36,593	20,880
Arkansas	136,301	2,387	0	0	133,914	0	0	0
California	771,011	116,839	103,274	0	475,868	0	64,933	10,097
Colorado	117,539	28,482	0	0	67,351	0	21,706	0
Connecticut	201,609	0	0	0	180,263	0	21,346	0
Delaware	108,631	3,036	12,269	14,507	78,084	0	735	0
Florida	359,207	31,657	122,077	56,729	65,687	4,120	78,937	0
Georgia	147,922	0	0	0	115,717	0	32,205	0
Hawaii	66,998	800	2,400	0	50,660	0	13,138	0
Idaho	54,661	1,796	0	7,433	45,426	0	6	0
Illinois	605,825	9,437	0	18,601	577,631	0	156	0
Indiana	221,174	24,139	0	19,911	154,467	0	22,657	0
Iowa	253,469	0	0	0	230,039	0	23,430	0
Kansas	150,054	22,554	17,198	3,333	88,267	296	14,679	3,727
Kentucky	148,964	23,588	0	7,860	100,314	0	16,457	745
Louisiana	154,059	5,449	36,794	14,298	97,518	0	0	0
Maine	26,380	0	0	0	26,380	0	0	0
Maryland	117,939	20,024	0	3,871	60,446	0	14,729	18,869
Massachusetts	197,032	12,386	2,415	18,328	131,957	0	31,226	720
Michigan	422,186	0	25,220	15,217	357,330	0	24,419	0
Minnesota	191,780	43,236	6,405	30,531	105,997	0	5,611	0
Mississippi	129,973	4,871	10,081	10,251	78,345	0	26,425	0
Missouri	207,111	0	0	9,868	175,578	0	21,665	0
Montana	50,043	8,172	0	6,047	34,842	0	982	0
Nebraska	99,298	2,445	8,343	6,363	72,463	0	9,684	0
Nevada	14,103	0	0	0	14,103	0	0	0
New Hampshire	8,890	472	2,949	0	5,469	0	0	0
New Jersey	561,853	4,023	48,231	92,845	283,223	107,669	20,492	5,370
New Mexico	93,987	0	11,926	3,725	78,336	0	0	0
New York	430,518	0	0	0	430,518	0	0	0
North Carolina	665,213	28,763	0	16,871	608,728	0	10,851	0
North Dakota	49,593	0	10,854	7,676	28,525	0	2,538	0
Ohio	356,997	11,097	68,667	55,703	180,915	0	33,539	7,076
Oklahoma	77,282	775	28,691	7,609	36,977	0	2,999	231
Oregon	153,965	0	12	2,725	150,712	0	516	0
Pennsylvania	356,961	44,196	0	101,210	203,529	5,750	2,276	0
Rhode Island	26,440	0	13,568	0	12,872	0	0	0
South Carolina	147,158	0	20,359	10,294	87,855	0	28,650	0
South Dakota	66,165	0	6,759	0	58,397	0	1,009	0
Tennessee	236,026	0	0	0	229,709	0	6,317	0
Texas	426,708	0	114,870	0	303,847	0	7,991	0
Utah	100,229	0	16,060	9,590	74,579	0	0	0
Vermont	21,757	0	0	0	21,757	0	0	0
Virginia	232,089	0	0	17,000	197,218	0	17,871	0
Washington	323,263	42,032	74,936	9,698	139,553	0	27,261	29,783
West Virginia	25,458	876	4,421	0	20,161	0	0	0
Wisconsin	306,559	12,121	36,704	1,886	96,306	725	157,401	1,416
Wyoming	52,077	4,160	14,652	7,831	24,866	0	568	0
Dist. of Columbia	22,812	0	0	0	22,617	0	195	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	151,656	1,000	1,171	0	147,485	0	0	2,000
Virgin Islands	2,918	2,189	0	0	729	0	0	0

Table 46

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL DISTRIBUTIVE EDUCATION BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$47,926,972	$947,431	$774,497	$922,572	$43,898,105	$150,470	$1,014,906	$218,991
Alabama	422,910	0	0	6,441	408,469	0	8,000	0
Alaska	135,863	0	0	796	135,067	0	0	0
Arizona	514,580	35,279	6,576	24,409	417,436	0	0	30,880
Arkansas	164,711	2,927	0	0	161,784	0	0	0
California	1,519,413	146,134	62,437	0	1,227,049	0	73,696	10,097
Colorado	523,859	46,270	0	29,592	426,372	0	21,625	0
Connecticut	494,493	0	0	0	456,834	0	37,659	0
Delaware	366,765	4,729	9,304	21,000	330,997	0	735	0
Florida	4,203,323	90,757	0	0	4,112,566	0	0	0
Georgia	887,412	0	0	0	862,407	0	25,005	0
Hawaii	97,146	5,804	12,996	0	73,941	0	4,405	0
Idaho	170,984	21,847	8,442	11,963	121,288	0	7,444	0
Illinois	1,589,986	28,313	0	18,601	1,542,968	0	104	0
Indiana	471,819	25,574	0	24,043	399,545	0	22,657	0
Iowa	600,624	0	0	0	554,552	0	46,072	0
Kansas	517,310	52,461	10,558	16,622	365,437	842	64,674	6,716
Kentucky	526,120	34,507	0	7,859	473,429	0	8,343	1,982
Louisiana	519,565	19,481	23,596	21,246	455,242	0	0	0
Maine	54,488	0	0	0	54,488	0	0	0
Maryland	449,615	20,023	0	3,872	387,121	0	19,730	18,869
Massachusetts	256,962	34,571	18,306	0	203,481	0	0	604
Michigan	2,116,245	0	25,220	136,545	1,930,061	0	24,419	0
Minnesota	1,471,529	82,787	6,401	30,531	1,327,475	0	24,335	0
Mississippi	252,378	0	8,903	11,665	191,837	0	39,973	0
Missouri	1,102,101	0	0	33,729	1,046,666	0	21,706	0
Montana	107,444	11,837	0	6,136	85,328	0	4,143	0
Nebraska	185,131	4,542	8,346	35,275	118,983	0	17,985	0
Nevada	76,048	0	0	0	76,048	0	0	0
New Hampshire	8,511	473	2,909	0	5,129	0	0	0
New Jersey	1,132,738	56,254	48,231	93,590	694,463	109,184	40,022	90,994
New Mexico	130,592	0	11,961	4,052	112,423	0	2,156	0
New York	9,625,981	0	0	0	9,625,981	0	0	0
North Carolina	1,361,264	75,598	0	16,871	1,219,701	0	49,094	0
North Dakota	85,783	0	5,374	7,676	63,463	0	9,270	0
Ohio	2,646,960	1,984	28,187	72,685	2,510,215	0	33,560	329
Oklahoma	393,295	2,499	27,541	7,386	355,212	0	0	657
Oregon	707,455	0	0	0	704,468	2,987	0	0
Pennsylvania	2,010,106	44,197	0	101,210	1,812,718	31,300	20,681	0
Rhode Island	91,682	0	0	0	91,682	0	0	0
South Carolina	294,242	0	28,835	10,294	250,834	0	4,279	0
South Dakota	66,271	0	6,865	0	58,397	0	1,009	0
Tennessee	555,200	2,882	74,041	61,029	410,626	0	6,622	0
Texas	2,605,254	0	142,439	0	2,454,824	0	7,991	0
Utah	350,041	0	3,238	13,740	315,169	0	17,894	0
Vermont	38,968	0	0	0	38,968	0	0	0
Virginia	2,539,403	12,610	94,296	72,127	2,328,081	0	32,289	0
Washington	1,283,376	25,579	37,815	8,833	1,155,178	0	16,659	39,312
West Virginia	67,245	440	1,821	0	64,984	0	0	0
Wisconsin	1,792,508	49,056	7,729	4,923	1,416,325	6,157	291,767	16,551
Wyoming	96,076	4,689	1,174	7,831	81,814	0	568	0
Dist. of Columbia	96,545	0	23,738	0	67,723	0	5,084	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	135,924	1,000	27,218	0	104,098	0	1,608	2,000
Virgin Islands	12,728	2,327	0	0	8,758	0	1,643	0

Table 47

ENROLLMENT IN VOCATIONAL HEALTH OCCUPATIONS EDUCATION
BY TYPE OF CLASS, SEX, AND STATE
FISCAL YEAR 1969

State	Grand Total			Secondary								Postsecondary Purpose 2 Full-time Only				Adult				Persons With Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary		Male		Female	
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	175,101	13,609	161,492	47	234	107	2,823	429	6,003	872	12,692	5,021	66,654	1,865	18,382	1,622	23,571	3,417	27,993	229	(496) 1/	3,140	(3,747) 1/
Alabama	2,535	179	2,356	-	-	-	26	23	236	41	261	26	1,184	10	13	55	264	24	372	-	-	-	-
Alaska	79	-	79	-	6	-	12	-	4	-	12	-	-	-	-	-	45	-	-	-	-	-	(79)
Arizona	1,804	174	1,630	1	1	-	2	-	1	5	103	65	847	27	218	-	14	75	376	1	-	68	-
Arkansas	1,734	108	1,626	-	-	7	-	2	43	8	60	31	855	-	31	-	-	29	139	31	(4)	498	(116)
California	25,301	2,540	22,761	-	13	-	64	35	563	40	1,386	1,378	8,870	393	4,296	518	6,398	176	880	-	(30)	291	(369)
Colorado	1,915	146	1,769	-	-	-	-	-	-	6	78	78	1,240	4	199	30	93	28	148	-	-	11	-
Connecticut	1,495	32	1,463	-	-	-	-	3	65	1	149	24	901	-	-	4	8	-	304	-	-	36	(11)
Delaware	217	1	216	-	-	-	37	1	42	-	41	-	75	-	-	-	21	-	-	-	(1)	-	(22)
Florida	7,606	723	6,883	-	-	-	3	-	30	2	138	167	2,161	275	2,381	63	853	215	1,237	1	-	80	-
Georgia	3,826	235	3,591	-	-	-	-	-	-	-	-	64	1,199	5	65	17	75	149	2,252	-	-	-	-
Hawaii	194	4	190	-	-	-	-	-	-	-	-	4	114	-	-	-	41	-	35	-	-	-	-
Idaho	507	7	500	-	-	-	-	-	-	-	3	3	365	-	-	-	-	3	132	1	-	-	-
Illinois	7,552	732	6,820	28	65	8	41	51	382	74	668	365	2,557	56	773	45	1,260	54	930	51	(213)	144	(472)
Indiana	1,197	46	1,151	-	-	-	-	4	36	22	279	17	655	3	101	-	-	-	80	-	-	-	-
Iowa	2,399	164	2,235	-	-	-	-	-	-	-	-	42	1,131	1	62	3	200	118	842	-	(4)	-	(242)
Kansas	1,144	22	1,122	-	-	-	-	-	-	-	-	11	508	1	35	4	173	4	233	2	(11)	173	(236)
Kentucky	2,153	47	2,106	-	-	-	-	-	-	-	91	42	1,242	3	232	-	-	2	541	-	-	-	-
Louisiana	2,958	18	2,940	-	-	-	-	-	46	-	32	8	824	2	477	8	1,162	-	309	-	-	90	(77)
Maine	162	-	162	-	-	-	-	-	-	-	-	-	162	-	-	-	-	-	-	-	-	-	-
Maryland	1,869	253	1,616	9	27	10	85	1	154	72	134	138	302	7	161	-	50	16	696	-	-	7	-
Massachusetts	2,115	110	2,005	-	-	-	-	-	12	-	46	82	1,150	23	387	1	59	4	351	-	-	-	-
Michigan	6,244	345	5,899	-	22	6	354	6	557	68	871	161	2,348	64	479	24	371	16	897	-	-	-	(1)
Minnesota	1,603	47	1,556	-	-	-	8	-	8	16	159	2	1,094	-	-	-	102	22	158	7	(1)	27	(85)
Mississippi	1,657	58	1,599	-	-	-	-	-	-	-	-	17	816	-	5	21	429	20	253	-	(8)	96	(254)
Missouri	3,381	75	3,306	-	-	-	-	-	19	1	206	49	2,395	10	205	13	164	2	317	-	-	-	-
Montana	231	3	228	-	-	-	-	-	-	-	-	2	92	-	-	-	-	1	136	-	-	-	-
Nebraska	1,734	34	1,700	-	-	-	-	-	30	5	40	6	788	-	-	-	-	23	842	-	-	-	-
Nevada	473	14	459	-	-	-	-	-	-	-	-	9	253	5	48	-	128	-	-	-	-	30	(16)
New Hampshire	525	9	516	-	-	-	-	-	-	-	-	6	95	-	-	-	-	3	421	-	-	-	-
New Jersey	3,162	273	2,889	-	28	-	59	-	172	-	397	10	812	-	-	15	878	248	491	-	-	52	(108)
New Mexico	845	61	784	-	-	-	-	-	1	16	128	8	315	1	35	27	241	9	64	-	-	-	(5)
New York	16,040	2,149	13,891	-	1	54	1,815	73	1,417	88	2,471	877	3,568	547	2,471	1	640	478	768	31	-	740	-
North Carolina	9,497	1,615	7,882	-	1	6	234	38	664	70	688	67	2,125	25	235	403	1,820	1,004	2,001	2	-	114	-
North Dakota	448	11	437	-	-	-	-	-	-	-	-	6	380	5	57	-	-	-	-	-	-	-	-
Ohio	8,764	155	8,609	-	-	-	-	5	276	43	655	41	4,047	8	138	-	19	58	3,409	-	-	65	(16)
Oklahoma	1,784	169	1,615	-	-	-	-	-	2	4	197	9	438	2	23	114	746	2	209	38	(107)	-	(210)
Oregon	2,241	177	2,064	-	1	7	4	10	15	13	121	34	660	21	283	5	144	83	645	4	-	191	-
Pennsylvania	7,424	279	7,145	-	-	9	64	29	247	8	339	44	485	19	246	132	4,543	21	938	17	-	283	-
Rhode Island	497	30	467	-	-	-	-	-	1	3	55	10	262	-	-	-	-	17	149	-	(1)	-	(35)
South Carolina	1,382	31	1,351	-	-	-	-	-	-	1	185	11	801	-	-	18	130	1	235	-	(12)	-	(325)
South Dakota	255	2	253	-	-	-	-	-	-	-	-	2	253	-	-	-	-	-	-	-	(2)	-	(39)
Tennessee	4,062	138	3,924	-	9	-	5	6	62	23	168	67	2,684	2	49	5	61	35	883	-	(2)	3	(28)
Texas	9,559	797	8,762	-	-	-	-	92	613	145	923	365	4,169	106	1,010	39	1,099	38	905	12	-	43	-
Utah	944	86	858	-	-	-	-	4	12	21	81	41	499	-	47	19	187	-	29	1	-	3	-
Vermont	181	3	178	-	-	-	-	-	-	-	-	1	154	-	-	-	-	2	24	-	-	-	-
Virginia	2,941	99	2,842	9	60	-	10	16	97	40	1,100	11	619	-	131	4	279	17	473	2	-	73	-
Washington	12,401	844	11,557	-	-	-	-	-	-	6	153	454	6,701	224	3,343	1	73	159	1,287	-	(46)	-	(616)
West Virginia	627	6	621	-	-	-	-	-	3	-	67	6	368	-	-	-	-	-	183	-	-	-	-
Wisconsin	4,886	234	4,652	-	-	-	-	-	-	-	21	52	1,922	10	62	30	691	142	1,956	-	(20)	-	(295)
Wyoming	40	-	40	-	-	-	-	-	-	-	10	-	30	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia	928	125	803	-	-	-	-	-	-	-	19	35	300	-	-	3	93	87	391	-	(8)	-	(8)
Guam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	1,555	199	1,356	-	-	-	-	30	182	30	157	73	839	6	84	-	-	32	72	28	(26)	22	(82)
Virgin Islands	28	-	28	-	-	-	-	-	11	-	-	-	-	-	-	-	17	-	-	-	-	-	-

1/ In regular classes and received individual services.

Table 48

EXPENDITURES FOR VOCATIONAL HEALTH OCCUPATIONS EDUCATION BY SOURCE OF FUNDS AND BY STATE FISCAL YEAR 1969

State	Grand Total	State	Local	Federal			
				Total	Smith-Hughes	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	$60,839,571	$19,661,952	$28,071,417	$13,106,202	0	$1,954,903	$11,151,299
Alabama	503,493	40,082	334,242	129,169	0	114,744	14,425
Alaska	159,681	4,768	117,755	37,158	0	0	37,158
Arizona	730,709	191,525	304,941	234,243	0	0	234,243
Arkansas	671,733	293,474	48,746	329,513	0	0	329,513
California	6,443,989	0	5,262,706	1,181,283	0	257,601	923,682
Colorado	644,933	49,680	402,986	192,267	0	43,597	148,670
Connecticut	442,740	225,744	71,277	145,719	0	0	145,719
Delaware	330,485	234,950	22,010	73,525	0	23,375	50,150
Florida	2,076,128	1,389,917	504,025	182,186	0	0	182,186
Georgia	775,874	340,986	16,827	418,061	0	0	418,061
Hawaii	103,784	54,204	0	49,580	0	23,015	26,565
Idaho	195,178	95,204	41,822	58,152	0	33,599	24,553
Illinois	3,004,453	782,915	1,361,349	860,189	0	0	860,189
Indiana	1,286,941	19,975	771,435	495,531	0	144,944	350,587
Iowa	1,637,938	823,519	545,761	268,658	0	133,760	134,898
Kansas	545,033	111,156	257,611	176,266	0	78,853	97,413
Kentucky	1,157,688	692,067	162,102	303,519	0	0	303,519
Louisiana	670,224	34,822	332,224	303,178	0	90,857	212,321
Maine	126,194	93,664	0	32,530	0	0	32,530
Maryland	334,667	109,389	143,600	81,678	0	0	81,678
Massachusetts	740,848	6,832	366,736	367,280	0	83,309	283,971
Michigan	2,834,455	77,310	2,323,070	434,075	0	0	434,075
Minnesota	1,038,898	520,637	325,198	193,063	0	0	193,063
Mississippi	364,690	148,427	68,452	147,811	0	0	147,811
Missouri	1,386,542	632,151	614,425	139,966	0	139,966	0
Montana	97,071	3,118	64,337	29,616	0	29,616	0
Nebraska	389,758	98,856	113,088	177,814	0	0	177,814
Nevada	153,329	11,781	70,721	70,827	0	0	70,827
New Hampshire	133,399	54,125	360	78,914	0	0	78,914
New Jersey	940,779	376,305	313,101	251,373	0	0	251,373
New Mexico	381,753	9,783	197,528	174,442	0	0	174,442
New York	11,577,656	5,191,391	5,670,390	715,875	0	0	715,875
North Carolina	1,393,326	1,160,093	44,116	189,117	0	0	189,117
North Dakota	201,099	118,949	15,600	66,550	0	0	66,550
Ohio	1,158,242	352,929	581,288	224,025	0	221,586	2,439
Oklahoma	656,502	108,651	323,576	224,275	0	0	224,275
Oregon	661,447	287,335	200,271	173,841	0	0	173,841
Pennsylvania	2,129,892	1,528,981	304,702	296,209	0	0	296,209
Rhode Island	135,572	84,782	13,035	37,755	0	0	37,755
South Carolina	320,296	151,507	22,491	146,298	0	0	146,298
South Dakota	244,237	6,058	116,857	121,322	0	43,801	77,521
Tennessee	1,244,993	90,468	102,300	1,052,225	0	0	1,052,225
Texas	2,437,635	745,674	581,957	1,110,004	0	0	1,110,004
Utah	349,065	268,148	9,698	71,219	0	22,592	48,627
Vermont	142,576	109,607	550	32,419	0	22,796	9,623
Virginia	1,076,185	241,438	520,415	314,332	0	129,923	184,409
Washington	1,699,492	299,212	1,168,407	231,873	0	71,735	160,138
West Virginia	144,360	50,974	30,317	63,069	0	60,761	2,308
Wisconsin	4,349,522	968,623	3,186,201	194,698	0	0	194,698
Wyoming	39,304	260	20,811	18,233	0	12,796	5,437
Dist. of Columbia	266,140	209,744	0	56,396	0	22,796	33,600
Guam	0	0	0	0	0	0	0
Puerto Rico	284,254	142,127	0	142,127	0	142,127	0
Virgin Islands	24,389	17,635	0	6,754	0	6,754	0

Table 49

FEDERAL EXPENDITURES FOR VOCATIONAL HEALTH OCCUPATIONS EDUCATION BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$13,106,202	$733,877	$421,781	$85,712	$10,909,530	$66,398	$826,509	$62,395
Alabama	129,169	0	0	0	129,169	0	0	0
Alaska	37,158	0	0	0	37,158	0	0	0
Arizona	234,243	8,091	18,537	0	124,495	0	83,120	0
Arkansas	329,513	79,974	0	0	244,513	0	0	5,026
California	1,181,283	253,099	18,000	0	779,689	0	130,495	0
Colorado	192,267	14,810	0	0	166,421	0	11,036	0
Connecticut	145,719	0	0	0	144,959	0	760	0
Delaware	73,525	2,803	13,819	0	56,903	0	0	0
Florida	182,186	26,555	68,504	5,937	10,594	2,103	68,493	0
Georgia	418,061	0	0	0	382,395	0	35,666	0
Hawaii	49,580	0	0	0	48,529	0	1,051	0
Idaho	58,152	9,731	0	1,245	47,159	0	17	0
Illinois	860,189	15,037	0	0	777,470	0	67,682	0
Indiana	495,532	71,777	0	0	416,919	0	6,836	0
Iowa	268,658	0	0	0	233,760	0	34,898	0
Kansas	176,266	12,860	8,077	0	122,328	592	30,098	2,311
Kentucky	303,519	43,800	0	0	246,949	0	9,224	3,546
Louisiana	303,178	14,000	12,340	0	276,838	0	0	0
Maine	32,530	8,338	0	0	22,192	0	2,000	0
Maryland	81,678	19,004	0	0	30,224	0	14,601	17,849
Massachusetts	367,280	33,539	21,252	5,967	288,255	0	3,500	14,767
Michigan	434,075	0	7,342	0	331,183	0	95,550	0
Minnesota	193,063	21,225	0	0	168,053	0	3,785	0
Mississippi	147,811	1,632	10,504	0	132,535	0	3,140	0
Missouri	139,966	0	0	0	114,915	0	25,051	0
Montana	29,616	3,913	0	0	24,707	0	996	0
Nebraska	177,814	3,626	2,137	0	165,201	0	6,850	0
Nevada	70,827	0	0	0	70,752	0	75	0
New Hampshire	78,914	1,110	5,138	435	72,231	0	0	0
New Jersey	251,373	2,682	42,775	1,742	140,065	61,525	188	2,396
New Mexico	174,442	5,581	9,783	0	158,934	0	144	0
New York	715,875	0	0	0	715,875	0	0	0
North Carolina	189,117	0	0	0	189,117	0	0	0
North Dakota	66,550	0	0	0	64,295	0	2,255	0
Ohio	224,025	0	16,367	0	205,387	0	2,271	0
Oklahoma	224,275	5,425	24,584	887	189,385	0	2,378	1,616
Oregon	173,841	1,625	13,028	0	150,967	0	8,221	0
Pennsylvania	296,208	29,267	0	400	262,263	0	4,278	0
Rhode Island	37,755	5,489	16,927	0	15,339	0	0	0
South Carolina	146,298	0	9,342	2,321	127,835	0	6,800	0
South Dakota	121,322	0	0	0	116,614	0	4,708	0
Tennessee	1,052,225	0	0	0	1,047,283	0	4,942	0
Texas	1,110,004	0	32,989	0	1,056,925	0	20,090	0
Utah	71,219	0	14,091	0	57,128	0	0	0
Vermont	32,419	0	2,375	0	30,044	0	0	0
Virginia	314,332	0	0	5,000	308,441	0	891	0
Washington	231,873	12,981	28,363	56,525	73,859	0	49,508	10,637
West Virginia	63,069	2,023	1,990	0	56,748	0	2,308	0
Wisconsin	194,698	13,460	20,098	5,253	68,857	2,178	80,605	4,247
Wyoming	18,233	231	0	0	18,002	0	0	0
Dist. of Columbia	56,396	0	0	0	54,911	0	1,485	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	142,127	8,000	3,419	0	130,195	0	513	0
Virgin Islands	6,754	2,189	0	0	4,565	0	0	0

Table 50

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL HEALTH OCCUPATIONS EDUCATION BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$47,733,368	$1,493,741	$374,724	$125,215	$44,395,215	$91,842	$1,126,734	$125,897
Alabama	374,324	0	0	0	374,324	0	0	0
Alaska	122,523	0	0	0	32,591	0	89,932	0
Arizona	496,466	17,132	5,687	0	473,176	0	471	0
Arkansas	342,220	88,093	0	0	248,205	0	0	5,922
California	5,262,706	357,317	0	0	4,767,631	0	137,758	0
Colorado	452,666	41,137	0	0	400,492	0	11,037	0
Connecticut	297,021	0	0	0	285,541	0	11,480	0
Delaware	256,960	4,365	2,047	0	250,548	0	0	0
Florida	1,893,942	158,116	799	0	1,735,027	0	0	0
Georgia	357,813	0	0	0	331,842	0	25,971	0
Hawaii	54,204	0	0	0	54,204	0	0	0
Idaho	137,026	19,259	19,135	0	94,942	0	3,690	0
Illinois	2,144,264	44,341	0	0	2,054,800	0	45,123	0
Indiana	791,408	84,640	0	0	699,925	0	6,843	0
Iowa	1,369,280	0	0	0	1,278,574	0	90,706	0
Kansas	368,767	31,728	9,669	0	280,017	1,684	42,105	3,564
Kentucky	854,169	95,792	0	0	705,428	0	43,512	9,437
Louisiana	367,046	49,095	14	0	317,937	0	0	0
Maine	93,664	24,752	0	0	68,912	0	0	0
Maryland	252,989	19,004	0	0	201,285	0	14,851	17,849
Massachusetts	373,568	12,481	593	0	359,948	0	0	546
Michigan	2,400,380	0	7,342	0	2,297,488	0	95,550	0
Minnesota	845,835	38,480	0	0	783,053	0	24,302	0
Mississippi	216,879	0	9,052	0	192,131	0	15,696	0
Missouri	1,246,576	0	0	0	1,221,505	0	25,071	0
Montana	67,455	5,500	0	0	59,958	0	1,997	0
Nebraska	211,944	3,626	2,138	0	196,751	0	9,429	0
Nevada	82,502	0	0	0	82,502	0	0	0
New Hampshire	54,485	1,110	4,971	0	48,404	0	0	0
New Jersey	689,406	42,088	42,775	1,862	532,579	62,391	5,315	2,396
New Mexico	207,311	8,352	9,783	0	187,169	0	2,007	0
New York	10,861,781	0	0	0	10,861,781	0	0	0
North Carolina	1,204,210	122,097	0	0	1,040,336	0	40,322	1,455
North Dakota	134,549	0	0	0	132,177	0	2,372	0
Ohio	934,216	0	6,500	0	925,445	0	2,271	0
Oklahoma	432,227	17,493	22,989	238	384,529	0	2,378	4,600
Oregon	487,606	3,378	1,465	0	479,728	2,988	47	0
Pennsylvania	1,833,684	29,267	0	371	1,765,500	0	38,546	0
Rhode Island	97,817	16,469	9,394	0	71,954	0	0	0
South Carolina	173,998	0	8,191	2,321	137,138	0	26,348	0
South Dakota	122,915	0	0	0	118,208	0	4,707	0
Tennessee	192,768	3,687	62,372	4,683	102,300	0	19,726	0
Texas	1,327,631	0	0	0	1,303,880	0	23,751	0
Utah	277,846	0	2,831	0	269,804	0	5,211	0
Vermont	110,157	0	25,606	0	84,551	0	0	0
Virginia	761,853	0	7,181	20,492	733,280	0	900	0
Washington	1,467,619	7,105	13,255	76,687	1,251,937	0	103,933	14,702
West Virginia	81,291	1,578	1,701	0	75,695	0	2,317	0
Wisconsin	4,154,824	135,672	23,204	17,522	3,738,843	24,779	149,378	65,426
Wyoming	21,071	260	0	0	20,811	0	0	0
Dist. of Columbia	209,744	0	32,747	1,039	175,475	0	483	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	142,127	8,000	43,283	0	90,844	0	0	0
Virgin Islands	17,635	2,327	0	0	14,110	0	1,198	0

Table 51

ENROLLMENT IN VOCATIONAL HOME ECONOMICS EDUCATION, GAINFUL PROGRAMS, BY TYPE OF CLASS, SEX, AND STATE FISCAL YEAR 1969

	Grand Total			Secondary								Postsecondary (Purpose 2) Full-Time Only				Adult				Persons with Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary					
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male		Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	113,297	15,078	98,219	296	1,396	1,370	3,908	3,014	10,046	4,366	16,143	1,323	6,186	476	2,834	407	15,270	2,711	32,662	1,115	(702) 1/	9,774	(4,547) 1/
Alabama	2,907	153	2,754	23	324	34	276	26	184	38	211	-	-	-	-	-	331	-	1,333	32	-	95	-
Alaska	193	9	184	2	17	3	9	1	71	3	87	-	-	-	-	-	-	-	-	-	(9)	-	(146)
Arizona	1,044	60	984	2	25	2	39	6	88	13	142	7	130	4	43	7	44	17	183	2	-	290	-
Arkansas	1,427	58	1,369	-	-	-	-	6	32	12	61	11	28	-	-	-	19	29	1,229	-	(3)	-	(894)
California	8,895	1,173	7,722	16	55	76	209	417	703	431	1,617	58	1,572	39	699	55	2,797	81	70	-	(128)	-	(257)
Colorado	1,825	89	1,736	-	-	-	1	5	65	34	160	3	119	-	3	-	-	39	940	8	-	448	-
Connecticut	432	189	243	1	2	3	14	54	45	75	87	-	-	-	-	-	40	-	-	56	-	55	-
Delaware	161	22	139	-	9	22	23	-	25	-	11	-	-	-	-	-	71	-	-	-	(2)	-	(14)
Florida	4,923	397	4,526	31	-	66	35	54	183	74	205	20	416	11	51	9	607	107	2,855	25	-	174	-
Georgia	8,248	422	7,826	-	-	27	17	25	67	65	102	30	101	-	-	30	2,160	180	5,000	65	-	379	-
Hawaii	61	61	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	74	1	73	-	-	-	-	-	-	-	-	-	17	-	-	-	42	-	13	1	-	1	(22)
Illinois	4,617	821	3,796	48	151	61	318	209	696	255	1,131	25	139	61	549	56	522	-	28	106	(2)	262	(16)
Indiana	766	176	590	-	-	-	-	20	73	55	341	-	-	-	-	-	-	1	20	100	-	156	-
Iowa	1,220	115	1,105	-	-	24	70	10	37	35	130	-	54	-	23	-	26	46	723	-	-	42	-
Kansas	1,161	65	1,096	-	8	3	94	16	134	37	192	-	-	-	-	-	3	9	489	-	-	176	(2)
Kentucky	1,033	31	1,002	-	-	-	5	2	56	-	95	-	-	-	-	-	33	15	805	14	-	8	(5)
Louisiana	1,193	248	945	-	-	-	-	15	124	37	281	53	35	13	19	16	207	90	224	24	(28)	55	(163)
Maine	1,033	10	1,023	-	-	-	-	5	12	5	52	-	-	-	-	-	-	-	925	-	-	34	-
Maryland	3,436	91	3,345	-	382	24	499	16	470	39	730	-	9	-	-	-	-	12	1,255	-	-	-	-
Massachusetts	569	81	488	7	10	7	32	7	39	7	26	3	37	5	19	27	97	18	228	-	-	-	-
Michigan	6,416	2,222	4,194	143	100	543	753	719	1,363	675	1,363	66	31	17	2	5	334	54	248	-	-	-	-
Minnesota	1,963	776	1,187	-	-	26	38	193	165	500	142	-	69	-	-	-	-	30	676	27	-	97	-
Mississippi	2,011	15	1,996	-	9	-	22	1	124	12	142	-	14	-	-	2	1,282	-	-	-	-	403	-
Missouri	1,664	228	1,436	10	65	5	133	13	226	53	679	128	85	10	10	-	18	9	220	-	(54)	-	(480)
Montana	200	-	200	-	-	-	28	-	34	-	63	-	-	-	-	-	-	-	25	-	-	50	-
Nebraska	477	120	357	2	1	55	7	32	21	20	66	-	-	-	-	-	-	11	262	-	(18)	-	(52)
Nevada	352	93	259	-	-	6	12	38	46	29	44	14	52	6	17	-	-	-	88	-	(37)	-	(40)
New Hampshire	133	39	94	-	-	-	-	23	12	16	50	-	-	-	-	-	-	-	32	-	-	-	-
New Jersey	2,110	409	1,701	-	18	3	27	170	333	208	560	-	6	-	-	-	-	28	757	-	(91)	-	-
New Mexico	87	35	52	-	-	9	8	11	10	15	34	-	-	-	-	-	-	-	-	-	-	-	-
New York	15,237	2,060	13,177	-	97	121	345	151	1,143	213	919	696	1,799	218	793	3	737	588	3,877	70	-	3,467	-
North Carolina	9,199	1,009	8,190	-	6	-	29	6	196	44	612	4	43	3	14	38	2,345	914	4,945	-	-	-	-
North Dakota	375	19	356	-	-	-	2	-	16	-	50	-	-	-	-	-	230	-	-	19	-	58	(4)
Ohio	2,948	149	2,799	-	3	17	175	38	622	52	877	14	121	4	45	-	442	1	366	23	(17)	148	(295)
Oklahoma	1,792	104	1,688	-	-	-	-	42	162	46	236	-	-	-	-	16	1,290	-	-	-	(28)	-	(664)
Oregon	382	77	305	-	-	-	-	39	57	28	104	-	-	-	-	-	62	1	68	9	-	14	-
Pennsylvania	3,781	1,232	2,549	11	112	213	423	357	785	300	725	-	-	-	-	-	-	57	354	294	-	150	-
Rhode Island	51	6	45	-	-	2	15	2	20	2	10	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	1,153	140	1,013	-	-	1	12	44	238	93	357	-	-	-	-	-	344	-	-	2	(9)	62	(47)
South Dakota	910	90	820	-	-	-	-	10	35	43	37	12	2	-	-	-	-	25	746	-	(12)	-	(20)
Tennessee	1,244	67	1,177	-	2	6	43	6	164	44	338	-	46	-	-	-	113	11	418	-	-	53	(15)
Texas	4,539	525	4,014	-	-	-	7	42	303	50	462	3	98	7	19	-	-	223	1,259	200	-	1,866	-
Utah	1,187	125	1,062	-	-	-	90	41	276	76	363	-	-	-	-	3	141	-	55	5	-	137	-
Vermont	255	22	233	-	-	2	-	4	74	16	114	-	-	-	-	-	-	-	-	-	-	45	-
Virginia	1,587	63	1,524	-	-	7	17	16	202	13	421	-	8	-	3	-	60	23	616	4	-	197	-
Washington	2,851	350	2,501	-	-	-	-	-	-	206	390	70	1,017	32	504	-	-	42	590	-	(257)	-	(1,241)
West Virginia	923	119	804	-	-	2	4	54	180	60	278	-	-	-	-	3	342	-	-	-	(3)	-	(66)
Wisconsin	1,248	276	972	-	-	-	-	-	-	45	99	106	138	46	21	31	252	48	462	-	(4)	-	(90)
Wyoming	289	6	283	-	-	-	-	2	3	2	2	-	-	-	-	-	-	2	278	-	-	-	-
Dist. of Columbia	186	-	186	-	-	-	77	-	63	-	32	-	-	-	-	-	14	-	-	-	-	-	(14)
Guam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	2,529	430	2,099	-	-	-	-	5	69	290	913	-	-	-	-	106	265	-	-	29	-	852	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ In regular classes and received individual services.

Table 52

EXPENDITURES FOR VOCATIONAL HOME ECONOMICS EDUCATION, GAINFUL PROGRAMS BY SOURCE OF FUNDS AND BY STATE FISCAL YEAR 1969

State	Grand Total	State	Local	Federal			
				Total	Smith-Hughes	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	$20,285,837	$5,454,269	$9,151,933	$5,679,635	$42,751	$836,724	$4,800,160
Alabama	317,890	190,865	0	127,025	0	21,314	105,711
Alaska	33,148	0	28,948	4,200	0	4,200	0
Arizona	126,104	63,196	45,614	17,294	0	6,464	10,830
Arkansas	75,240	30,375	10,167	34,698	0	14,753	19,945
California	2,488,223	33,292	1,577,055	877,876	6,541	54,336	816,999
Colorado	194,680	4,514	125,115	65,051	623	6,664	57,764
Connecticut	288,595	41,513	191,905	55,177	0	14,975	40,202
Delaware	74,784	26,616	19,910	28,258	3,100	21,082	4,076
Florida	509,819	252,277	65,148	192,394	0	31,655	160,739
Georgia	638,877	327,386	183,644	127,847	0	18,611	109,236
Hawaii	6,924	3,462	0	3,462	200	3,262	0
Idaho	26,709	16,500	2,124	8,085	0	5,184	2,901
Illinois	702,203	163,242	335,933	203,028	0	21,968	171,060
Indiana	361,924	36,952	157,484	167,488	1,419	25,321	140,748
Iowa	151,639	83,160	46,982	21,497	705	20,792	0
Kansas	328,269	33,573	104,850	189,846	0	12,280	177,566
Kentucky	101,809	58,810	1,773	41,226	0	0	41,226
Louisiana	209,755	0	137,818	71,937	0	18,182	53,755
Maine	44,124	12,780	3,467	27,877	0	0	27,877
Maryland	215,322	65,619	112,136	37,567	0	12,237	25,330
Massachusetts	1,127,827	14,435	962,699	150,693	16,149	36,570	97,974
Michigan	1,122,996	73,707	792,693	256,596	2,766	0	253,830
Minnesota	401,757	164,553	118,429	118,775	0	18,658	100,117
Mississippi	174,328	55,182	56,421	62,725	0	0	62,725
Missouri	241,281	2,840	152,557	85,884	0	85,884	0
Montana	54,591	17,214	15,645	21,732	230	14,120	7,382
Nebraska	56,149	1,000	32,772	22,377	0	9,716	12,661
Nevada	83,799	31,994	12,373	39,432	400	4,405	34,627
New Hampshire	56,765	10,680	20,704	25,381	0	0	25,381
New Jersey	536,959	247,354	110,267	179,338	5,000	13,829	160,509
New Mexico	24,802	5,085	9,942	9,775	0	4,690	5,085
New York	3,082,025	1,178,132	1,287,455	616,438	0	0	616,438
North Carolina	551,163	321,274	189,889	40,000	0	40,000	0
North Dakota	69,141	23,527	11,097	34,517	0	5,921	28,596
Ohio	681,726	402,075	174,614	105,037	0	39,733	65,304
Oklahoma	275,010	28,127	189,357	57,526	0	0	57,526
Oregon	162,651	12,689	128,281	21,681	0	9,739	11,942
Pennsylvania	757,152	96,589	413,726	246,837	0	41,840	204,997
Rhode Island	16,261	1,272	13,052	1,937	0	0	1,937
South Carolina	246,538	131,455	63,553	51,530	0	30,192	21,338
South Dakota	85,481	11,782	30,958	42,741	334	5,973	36,434
Tennessee	171,571	76,740	70,234	24,597	0	0	24,597
Texas	908,939	409,196	49,645	450,098	0	0	450,098
Utah	111,024	18,298	58,281	34,445	330	4,670	29,445
Vermont	36,786	1,237	23,597	11,952	0	4,145	7,807
Virginia	282,914	112,859	63,699	106,356	0	48,038	58,318
Washington	907,496	188,211	487,817	231,468	0	13,248	218,220
West Virginia	99,425	5,581	44,405	49,439	0	19,203	30,236
Wisconsin	582,336	119,492	413,717	49,127	1,954	30,267	16,906
Wyoming	19,406	5,722	3,981	9,703	0	4,000	5,703
Dist. of Columbia	19,820	10,150	0	9,670	0	9,670	0
Guam	0	0	0	0	0	0	0
Puerto Rico	441,680	231,685	0	209,995	3,000	18,933	188,062
Virgin Islands	0	0	0	0	0	0	0

Table 53

FEDERAL EXPENDITURES FOR VOCATIONAL HOME ECONOMICS EDUCATION, GAINFUL PROGRAMS, BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Super-vision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$5,679,634	$473,253	$407,960	420,861	$3,488,065	$72,731	$773,553	$43,211
Alabama	127,025	0	40,493	3,017	83,515	0	0	0
Alaska	4,200	0	0	0	4,200	0	0	0
Arizona	17,294	0	0	0	11,318	0	5,976	0
Arkansas	34,698	5,973	1,054	0	26,701	0	0	970
California	877,876	238,271	50,061	0	457,105	0	132,439	0
Colorado	65,051	2,655	0	0	54,549	0	7,847	0
Connecticut	55,177	0	0	0	32,054	0	23,123	0
Delaware	28,258	4,076	0	17,614	5,968	0	600	0
Florida	192,394	23,980	49,474	47,744	10,724	1,324	59,148	0
Georgia	127,847	0	0	0	48,932	0	78,915	0
Hawaii	3,462	0	0	0	3,462	0	0	0
Idaho	8,085	400	0	300	7,375	0	10	0
Illinois	203,028	10,500	0	3,536	171,047	0	17,945	0
Indiana	167,488	32,486	0	20,557	114,155	0	290	0
Iowa	21,497	0	0	0	20,550	0	947	0
Kansas	189,846	26,030	9,224	0	137,840	0	14,228	2,524
Kentucky	41,226	6,820	0	0	16,498	0	17,724	184
Louisiana	71,937	75	17,699	0	54,163	0	0	0
Maine	27,877	0	0	20,607	7,270	0	0	0
Maryland	37,566	15,768	0	0	4,857	0	16,941	0
Massachusetts	150,693	10,802	9,072	5,269	70,224	0	54,785	541
Michigan	256,596	0	43,198	1,829	136,084	0	75,485	0
Minnesota	118,775	7,406	0	68,459	38,704	0	4,206	0
Mississippi	62,725	45	0	6,671	46,730	0	9,279	0
Missouri	85,884	0	0	17,724	56,577	0	11,583	0
Montana	21,732	14,488	0	0	6,425	0	819	0
Nebraska	22,377	0	0	0	19,580	0	2,797	0
Nevada	39,432	0	0	400	37,777	1,255	0	0
New Hampshire	25,381	0	420	9,491	15,470	0	0	0
New Jersey	179,338	4,023	60,321	45,538	25,633	38,453	0	5,370
New Mexico	9,775	0	5,085	0	4,690	0	0	0
New York	616,438	0	0	0	616,438	0	0	0
North Carolina	40,000	0	0	0	40,000	0	0	0
North Dakota	34,517	0	7,899	15,127	10,878	0	613	0
Ohio	105,038	0	25,192	9,338	51,727	0	18,781	0
Oklahoma	57,526	3,100	9,645	197	43,489	0	173	922
Oregon	21,681	0	0	0	21,681	0	0	0
Pennsylvania	246,837	15,744	0	58,829	138,561	31,486	2,217	0
Rhode Island	1,937	0	1,250	0	687	0	0	0
South Carolina	51,530	0	8,144	3,261	29,148	0	10,977	0
South Dakota	42,741	0	0	9,842	30,987	0	1,912	0
Tennessee	24,597	0	0	0	24,597	0	0	0
Texas	450,098	0	7,005	0	398,090	0	45,003	0
Utah	34,445	0	16,272	10,673	7,500	0	0	0
Vermont	11,952	0	0	0	11,835	0	117	0
Virginia	106,355	3,103	0	0	74,933	0	28,319	0
Washington	231,468	39,740	24,683	35,031	89,157	0	10,573	32,284
West Virginia	49,439	0	0	0	25,203	0	24,236	0
Wisconsin	49,127	7,768	4,642	4,122	23,291	213	8,675	416
Wyoming	9,703	0	0	5,685	4,018	0	0	0
Dist. of Columbia	9,670	0	0	0	9,670	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	209,995	0	17,127	0	105,998	0	86,870	0
Virgin Islands	0	0	0	0	0	0	0	0

Table 54

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL HOME ECONOMICS EDUCATION, GAINFUL PROGRAMS, BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$14,606,200	$610,639	$312,306	$448,944	$12,383,153	$102,957	$606,997	$141,204
Alabama	190,865	0	0	0	190,865	0	0	0
Alaska	28,948	0	0	0	28,948	0	0	0
Arizona	108,810	3,568	0	0	105,242	0	0	0
Arkansas	40,542	5,974	102	0	33,497	0	0	969
California	1,610,346	231,898	29,016	0	1,205,185	0	144,247	0
Colorado	129,629	6,194	0	0	115,587	0	7,848	0
Connecticut	233,418	0	0	0	226,521	0	6,897	0
Delaware	46,526	7,275	0	19,700	19,051	0	500	0
Florida	317,425	15,556	9,813	0	292,056	0	0	0
Georgia	511,030	0	0	0	462,445	0	48,585	0
Hawaii	3,462	0	0	0	3,462	0	0	0
Idaho	18,624	1,853	0	413	9,655	0	6,703	0
Illinois	499,175	31,498	0	4,303	451,410	0	11,964	0
Indiana	194,436	34,638	0	35,413	124,095	0	290	0
Iowa	130,142	0	0	0	126,160	0	3,982	0
Kansas	138,423	24,893	1,283	0	92,666	0	18,108	1,473
Kentucky	60,583	9,515	0	0	33,986	0	16,593	489
Louisiana	137,818	0	0	0	137,818	0	0	0
Maine	16,247	0	0	0	16,247	0	0	0
Maryland	177,754	15,768	0	0	144,683	0	17,303	0
Massachusetts	977,134	110,346	9,247	0	857,087	0	0	454
Michigan	866,400	0	43,198	15,145	732,572	0	75,485	0
Minnesota	282,982	19,651	0	68,459	184,484	0	10,388	0
Mississippi	111,603	0	0	5,500	95,057	0	11,046	0
Missouri	155,397	0	0	21,443	119,557	0	14,397	0
Montana	32,859	12,286	0	0	16,670	0	3,903	0
Nebraska	33,772	0	0	0	28,575	0	5,197	0
Nevada	44,367	0	0	400	42,712	1,255	0	0
New Hampshire	31,384	0	380	10,300	20,704	0	0	0
New Jersey	357,621	4,023	60,321	45,773	120,492	38,994	0	88,018
New Mexico	15,027	0	5,085	0	9,942	0	0	0
New York	2,465,587	0	0	0	2,465,587	0	0	0
North Carolina	511,163	4,230	0	110,154	396,779	0	0	0
North Dakota	34,624	0	0	23,527	10,484	0	613	0
Ohio	576,689	0	12	0	557,896	0	18,781	0
Oklahoma	217,484	9,996	7,310	197	197,179	0	173	2,629
Oregon	140,970	0	12,689	0	125,293	2,988	0	0
Pennsylvania	510,315	15,744	0	17,818	398,641	58,059	20,053	0
Rhode Island	14,324	0	1,272	0	13,052	0	0	0
South Carolina	195,008	0	7,102	3,395	153,817	0	30,694	0
South Dakota	42,740	0	0	9,841	30,988	0	1,911	0
Tennessee	146,974	0	17,635	1,450	127,889	0	0	0
Texas	458,841	0	15,748	0	398,090	0	45,003	0
Utah	76,579	0	1,133	14,320	56,182	0	4,944	0
Vermont	24,834	0	0	0	24,199	0	635	0
Virginia	176,558	14,063	40,696	0	82,756	0	39,043	0
Washington	676,028	22,130	8,870	31,503	559,513	0	11,333	42,679
West Virginia	49,986	0	0	0	35,094	0	14,892	0
Wisconsin	533,209	9,540	4,949	4,205	492,875	1,661	15,486	4,493
Wyoming	9,703	0	0	5,685	4,018	0	0	0
Dist. of Columbia	10,150	0	0	0	1,0150	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	231,685	0	36,445	0	195,240	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0

Table 55

ENROLLMENT IN VOCATIONAL HOME ECONOMICS EDUCATION, HOMEMAKING PROGRAMS,
BY TYPE OF CLASS, SEX, AND STATE
FISCAL YEAR 1969

State	Grand Total			Secondary								Postsecondary Purpose 2 Full-Time Only				Adult				Persons With Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary		Male		Female	
	Total	Male	Female	Male 1/	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	2,335,755	105,930	2,229,825	7,011	563,441	3,308	351,206	13,904	289,097	49,760	350,081	268	1,986	56	361	1,334	48,131	26,805	591,497	1,484	(1,985) 2/	34,025	(29,081) 2/
Alabama	38,129	1,616	36,513	153	11,714	161	10,516	346	6,475	956	4,999	-	-	-	-	-	-	-	2,474	-	-	335	(219)
Alaska	1,471	-	1,471	-	388	-	354	-	433	-	296	-	-	-	-	-	-	-	-	-	-	-	(1,185)
Arizona	22,765	2,037	20,728	49	5,958	44	3,974	264	3,980	1,572	4,788	-	-	-	-	-	109	80	1,682	28	-	237	-
Arkansas	36,653	1,745	34,908	33	10,285	50	8,485	287	5,016	903	3,894	-	-	-	-	-	-	472	7,228	-	(110)	-	(101)
California	155,404	5,445	149,959	680	29,545	389	25,436	581	19,145	1,621	23,017	-	-	-	-	124	5,194	2,070	47,622	-	(96)	-	(1,777)
Colorado	28,233	2,416	25,817	28	3,913	53	2,412	381	2,520	1,505	3,843	-	-	-	-	-	-	449	13,129	-	-	-	-
Connecticut	26,109	2,443	23,666	6	1,732	31	1,583	62	1,278	195	2,096	-	-	-	-	-	-	2,149	16,977	-	(1)	-	(34)
Delaware	5,537	183	5,354	53	2,459	27	906	42	981	61	910	-	-	-	-	-	-	-	98	-	(14)	-	(211)
Florida	154,464	6,444	148,020	819	43,356	209	16,518	711	16,997	3,350	20,211	201	1,374	2	159	276	21,881	397	23,231	479	-	4,293	-
Georgia	58,076	4,613	53,463	459	19,428	333	9,753	1,014	7,006	2,371	8,558	-	174	-	-	-	137	236	8,309	200	-	78	-
Hawaii	15,622	2,473	13,149	676	6,733	196	1,132	355	1,375	1,040	1,852	-	-	-	-	-	-	195	2,018	11	-	39	-
Idaho	10,676	419	10,257	10	3,722	72	2,160	53	1,522	284	2,162	-	-	-	-	-	-	-	691	-	-	-	-
Illinois	67,142	3,018	64,124	130	19,952	302	15,684	666	12,380	1,892	15,905	-	-	-	-	-	60	-	-	28	-	143	(55)
Indiana	45,449	2,511	42,938	444	12,351	110	10,563	451	8,830	1,496	8,087	-	-	-	-	-	-	10	3,107	-	-	-	-
Iowa	29,170	520	28,650	39	7,622	5	4,721	68	3,631	312	6,102	-	-	-	-	-	-	96	6,574	-	-	-	(198)
Kansas	16,531	677	15,854	57	3,777	4	2,871	46	2,442	246	2,462	-	-	-	-	-	-	324	4,302	-	(3)	-	(1,252)
Kentucky	45,151	1,527	43,624	-	14,417	24	8,656	178	6,072	1,179	6,312	-	-	-	-	-	-	123	6,982	23	(138)	1,185	(3,822)
Louisiana	43,952	1,121	42,831	130	16,263	9	11,862	95	6,629	802	6,798	-	-	-	-	-	-	-	1,279	-	(33)	-	(414)
Maine	6,630	224	6,406	11	1,966	39	1,458	30	848	144	2,134	-	-	-	-	-	-	-	-	-	-	-	(456)
Maryland	28,729	2,385	26,344	16	1,898	16	2,999	88	2,678	170	2,659	4	41	-	2	3	207	2,060	15,679	29	-	181	-
Massachusetts	23,517	1,190	22,327	88	1,251	37	1,156	23	966	18	844	-	-	-	-	118	1,637	906	16,473	-	-	-	-
Michigan	84,471	7,827	76,644	785	20,704	390	15,006	924	12,086	4,042	13,776	-	-	-	-	4	98	1,682	14,835	-	-	139	-
Minnesota	58,288	2,849	55,439	273	13,195	217	5,716	263	6,047	1,181	9,121	-	-	-	-	-	-	915	21,059	-	-	301	-
Mississippi	34,240	1,058	33,182	141	12,802	97	8,596	184	3,710	607	5,036	-	-	-	-	-	-	29	1,038	-	-	-	-
Missouri	57,436	1,955	55,481	15	12,982	44	9,128	510	10,879	1,259	13,769	-	-	-	-	127	8,723	-	-	-	-	-	(27)
Montana	6,380	103	6,277	4	2,057	16	1,120	49	985	33	803	-	-	-	-	-	-	1	1,303	-	-	9	-
Nebraska	18,709	316	18,393	25	4,265	14	2,416	28	2,574	183	3,790	-	-	-	-	-	-	66	5,348	-	(48)	-	(2,759)
Nevada	6,404	664	5,740	6	604	49	1,445	215	1,247	251	1,353	-	-	-	-	-	-	131	1,007	12	(25)	84	(243)
New Hampshire	6,791	605	6,186	26	1,591	92	1,263	184	984	173	1,499	-	-	-	-	-	-	48	762	82	(58)	87	(62)
New Jersey	116,072	1,341	114,731	116	11,216	37	6,338	34	2,662	867	7,306	-	-	-	-	-	-	222	86,765	65	(1)	444	(42)
New Mexico	9,477	475	9,002	24	2,317	20	2,307	59	1,778	372	1,880	-	-	-	-	-	-	-	720	-	-	-	(111)
New York	193,701	4,732	188,969	506	18,532	682	26,866	1,153	41,712	1,564	54,247	-	-	-	-	-	-	769	33,196	58	-	14,416	-
North Carolina	74,036	5,276	68,760	139	26,472	271	14,879	1,094	9,179	3,763	10,715	-	-	-	-	-	7,211	-	-	9	-	304	-
North Dakota	10,213	717	9,496	-	3,412	2	1,575	171	1,037	403	1,257	-	-	-	-	-	-	141	2,181	-	-	34	(14)
Ohio	118,756	11,926	106,830	78	17,127	183	13,233	675	8,699	1,977	10,260	-	-	-	-	-	-	8,990	56,960	23	(175)	551	(3,308)
Oklahoma	32,712	1,287	31,425	63	8,949	132	6,833	188	4,684	460	4,428	-	-	-	-	-	-	444	6,531	-	(106)	-	(3,686)
Oregon	6,244	257	5,987	2	42	8	148	41	99	53	133	4	1	-	-	2	13	130	5,518	17	-	33	-
Pennsylvania	54,226	1,435	52,791	129	7,116	108	7,783	271	7,231	623	9,182	51	29	50	24	15	63	188	21,363	-	-	-	-
Rhode Island	5,218	68	5,150	-	791	27	1,261	11	718	18	655	-	-	-	-	-	-	12	1,707	-	-	18	-
South Carolina	49,156	3,252	45,904	219	12,295	35	7,572	341	2,590	2,451	3,115	-	-	-	-	-	-	124	20,116	82	(681)	216	(1,793)
South Dakota	7,557	34	7,523	-	3,163	-	1,921	5	981	29	1,089	-	-	-	-	-	-	-	361	-	(4)	8	(304)
Tennessee	52,227	1,004	51,223	190	17,525	110	12,710	190	9,597	314	6,860	-	-	-	-	-	-	-	4,483	-	-	48	(50)
Texas	199,042	3,620	195,422	101	55,227	238	29,530	892	25,108	2,389	24,677	-	-	-	-	-	-	-	60,880	-	-	-	-
Utah	18,932	1,778	17,154	6	1,039	48	2,314	48	2,351	145	4,081	-	-	-	-	666	2,778	708	3,570	157	-	1,021	-
Vermont	4,261	153	4,108	32	1,130	12	766	31	668	72	784	-	-	-	-	-	-	5	758	1	-	2	-
Virginia	48,522	944	47,578	89	17,481	84	7,821	165	6,706	435	7,257	-	-	-	-	-	-	40	5,961	131	-	2,352	-
Washington	81,310	6,448	74,862	-	21,168	-	10,227	-	3,520	4,391	14,955	8	367	4	176	-	-	1,845	24,449	-	(380)	-	(4,876)
West Virginia	16,288	725	15,563	83	4,023	61	2,586	149	1,943	349	1,930	-	-	-	-	-	-	83	5,081	-	(43)	-	(52)
Wisconsin	36,144	737	35,407	31	4,303	-	2,904	6	3,093	60	3,796	-	-	-	-	-	-	612	21,039	28	(67)	272	(499)
Wyoming	6,189	464	5,725	25	1,640	42	1,117	73	1,092	250	1,409	-	-	-	-	-	-	53	451	21	-	16	-
Dist. of Columbia	2,499	9	2,490	-	-	-	264	4	216	5	479	-	-	-	-	-	-	-	1,531	-	-	-	(1,531)
Guam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	60,318	859	59,459	22	41,109	113	2,338	202	1,684	322	2,480	-	-	-	-	-	-	-	4,669	-	-	7,179	-
Virgin Islands	526	5	521	-	434	-	24	3	33	2	30	-	-	-	-	-	-	-	-	-	-	-	-

1/ Includes 1,365 males and 24,905 females below grade 9 level.

2/ In regular classes and received individual services.

Table 56

EXPENDITURES FOR VOCATIONAL HOME ECONOMICS EDUCATION, HOMEMAKING PROGRAMS BY SOURCE OF FUNDS AND BY STATE FISCAL YEAR 1969

State	Grand Total	State	Local	Federal			
				Total	Smith-Hughes	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	$161,538,775	$65,593,734	$88,796,247	$7,148,794	$405,442	$6,743,352	0
Alabama	2,831,983	2,635,672	0	196,311	4,490	191,821	0
Alaska	288,649	13,453	237,396	37,800	0	37,800	0
Arizona	1,680,184	259,143	1,371,588	49,453	0	49,453	0
Arkansas	2,347,287	685,430	1,529,084	132,773	0	132,773	0
California	9,763,712	134,885	9,288,079	340,748	85,276	255,472	0
Colorado	1,471,714	254,550	1,147,418	69,746	9,774	59,972	0
Connecticut	900,787	53,231	783,106	64,450	0	64,450	0
Delaware	529,815	437,992	79,367	12,456	0	12,456	0
Florida	7,736,107	5,954,184	1,600,264	181,659	0	181,659	0
Georgia	4,691,280	525,723	3,955,420	210,137	0	210,137	0
Hawaii	404,296	360,496	0	43,800	7,800	36,000	0
Idaho	830,348	178,514	603,431	48,403	3,000	45,403	0
Illinois	6,419,602	1,004,963	5,113,149	301,490	13,784	287,706	0
Indiana	4,838,003	174,621	4,414,186	249,196	21,309	227,887	0
Iowa	2,162,117	543,467	1,439,795	178,855	12,520	166,335	0
Kansas	1,070,523	183,548	772,352	114,623	4,100	110,523	0
Kentucky	3,434,290	3,008,654	200,840	224,796	5,675	219,121	0
Louisiana	2,593,915	182,200	2,251,449	160,266	6,081	154,185	0
Maine	682,691	296,635	324,655	61,401	0	61,401	0
Maryland	1,620,794	581,332	929,331	110,131	0	110,131	0
Massachusetts	572,256	11,180	457,294	103,782	18,101	85,681	0
Michigan	5,436,171	370,098	4,755,552	310,521	39,495	271,026	0
Minnesota	3,163,623	1,494,489	1,501,204	167,930	0	167,930	0
Mississippi	2,010,792	786,256	1,040,720	183,816	7,318	176,498	0
Missouri	3,080,501	506,466	2,443,310	130,725	8,064	122,661	0
Montana	519,791	114,249	365,828	39,714	5,770	33,944	0
Nebraska	1,117,331	127,570	898,147	91,614	4,400	87,214	0
Nevada	371,091	19,090	312,806	39,195	3,600	35,595	0
New Hampshire	406,426	42,523	323,903	40,000	4,000	36,000	0
New Jersey	771,864	387,741	274,901	109,222	23,000	86,222	0
New Mexico	714,480	78,192	588,083	48,205	6,000	42,205	0
New York	25,461,405	12,119,629	13,341,776	0	0	0	0
North Carolina	6,682,524	3,867,639	2,456,908	357,977	0	357,977	0
North Dakota	734,542	99,992	581,265	53,285	0	53,285	0
Ohio	6,614,031	4,655,234	1,608,860	349,937	16,402	333,535	0
Oklahoma	2,728,189	465,141	2,150,753	112,295	0	112,295	0
Oregon	1,259,406	90,077	1,092,124	77,205	0	77,205	0
Pennsylvania	4,232,637	869,298	2,986,777	376,562	0	376,562	0
Rhode Island	372,135	10,681	333,454	28,000	0	28,000	0
South Carolina	2,991,056	1,316,340	1,497,768	176,948	4,670	172,278	0
South Dakota	635,546	21,894	556,902	56,750	3,000	53,750	0
Tennessee	3,347,344	552,027	2,566,943	228,374	7,000	221,374	0
Texas	14,194,066	12,610,987	1,357,529	225,550	0	225,550	0
Utah	891,925	57,122	793,110	41,693	6,363	35,330	0
Vermont	430,443	110,866	283,722	35,855	0	35,855	0
Virginia	5,703,152	2,454,894	3,034,284	213,974	7,404	206,570	0
Washington	3,627,521	1,071,878	2,431,764	123,879	5,640	118,239	0
West Virginia	759,565	127,340	481,528	150,697	3,827	146,870	0
Wisconsin	2,045,907	111,534	1,740,489	193,884	17,579	176,305	0
Wyoming	548,603	10,970	497,633	40,000	4,000	36,000	0
Dist. of Columbia	136,503	106,173	0	30,330	0	30,330	0
Guam	0	0	0	0	0	0	0
Puerto Rico	3,558,687	3,352,294	0	206,393	36,000	170,393	0
Virgin Islands	121,165	105,177	0	15,988	0	15,988	0

Table 57

FEDERAL EXPENDITURES FOR VOCATIONAL HOME ECONOMICS, HOMEMAKING PROGRAMS, BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$7,148,793	$436,517	$1,079,110	$839,096	$4,706,995	$34,181	$19,514	$33,380
Alabama	196,311	0	0	4,490	191,821	0	0	0
Alaska	37,800	1,532	0	7,553	25,068	0	3,647	0
Arizona	49,453	7,436	26,549	8,500	4,088	2,880	0	0
Arkansas	132,773	0	74,001	6,000	52,772	0	0	0
California	340,747	7,939	92,970	26,407	189,696	16,684	0	7,051
Colorado	69,746	0	0	4,167	65,579	0	0	0
Connecticut	64,450	8,514	23,151	0	32,785	0	0	0
Delaware	12,456	0	12,003	0	321	0	132	0
Florida	181,659	24,860	41,966	24,545	88,966	0	1,322	0
Georgia	210,137	0	71,635	5,549	132,953	0	0	0
Hawaii	43,800	1,000	2,333	7,000	33,467	0	0	0
Idaho	48,403	0	0	5,260	43,143	0	0	0
Illinois	301,490	0	13,784	0	287,706	0	0	0
Indiana	249,196	0	0	72,516	176,680	0	0	0
Iowa	178,855	0	0	6,177	172,678	0	0	0
Kansas	114,623	11,284	14,752	9,013	74,868	4,706	0	0
Kentucky	224,796	54,143	0	53,936	116,717	0	0	0
Louisiana	160,266	19,978	43,158	26,100	71,030	0	0	0
Maine	61,401	0	0	0	61,401	0	0	0
Maryland	110,131	25,442	0	6,463	78,226	0	0	0
Massachusetts	103,782	5,409	3,087	8,247	85,169	0	1,541	329
Michigan	310,521	0	0	14,604	295,917	0	0	0
Minnesota	167,930	54,784	0	0	113,146	0	0	0
Mississippi	183,816	3,245	35,341	18,200	127,030	0	0	0
Missouri	130,725	0	0	17,958	112,767	0	0	0
Montana	39,714	13,890	0	21,531	4,293	0	0	0
Nebraska	91,614	1,000	16,732	28,400	45,482	0	0	0
Nevada	39,195	0	0	5,159	34,036	0	0	0
New Hampshire	40,000	1,181	4,703	4,000	29,829	287	0	0
New Jersey	109,222	0	0	44,421	59,985	0	4,816	0
New Mexico	48,205	0	17,753	6,350	24,102	0	0	0
New York	0	0	0	0	0	0	0	0
North Carolina	357,977	0	0	0	357,977	0	0	0
North Dakota	53,285	0	0	5,695	47,590	0	0	0
Ohio	349,938	0	104,226	102,339	133,749	9,624	0	0
Oklahoma	112,295	0	60,747	30,016	21,532	0	0	0
Oregon	77,205	6,807	0	443	69,955	0	0	0
Pennsylvania	376,562	141,694	0	120,952	113,916	0	0	0
Rhode Island	28,000	0	5,091	5,590	17,319	0	0	0
South Carolina	176,948	0	37,258	25,562	106,072	0	8,056	0
South Dakota	56,750	0	10,068	11,641	35,041	0	0	0
Tennessee	228,374	0	0	7,000	221,374	0	0	0
Texas	225,550	0	219,845	0	5,705	0	0	0
Utah	41,693	0	8,257	8,395	25,041	0	0	0
Vermont	35,855	471	6,891	7,643	20,850	0	0	0
Virginia	213,974	9,006	0	7,404	197,564	0	0	0
Washington	123,879	7,141	58,245	28,888	29,605	0	0	0
West Virginia	150,696	4,789	22,885	15,077	107,945	0	0	0
Wisconsin	193,884	1,246	14,328	6,640	171,670	0	0	0
Wyoming	40,000	4,160	27,351	4,265	4,224	0	0	0
Dist. of Columbia	30,330	0	0	0	30,330	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	206,393	13,000	10,000	9,000	148,393	0	0	26,000
Virgin Islands	15,988	6,566	0	0	9,422	0	0	0

Table 58

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL HOME ECONOMICS EDUCATION, HOMEMAKING PROGRAMS, BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$154,389,979	$1,354,796	$1,556,823	$2,167,278	$148,182,006	$479,747	$623,053	$26,276
Alabama	2,635,672	0	0	4,490	2,631,182	0	0	0
Alaska	250,849	1,928	0	7,553	218,765	0	22,603	0
Arizona	1,630,731	27,436	34,939	53,782	1,514,574	0	0	0
Arkansas	2,214,514	0	18,980	78,084	2,117,450	0	0	0
California	9,422,964	7,939	53,887	26,407	8,867,694	467,037	0	0
Colorado	1,401,968	99,070	0	91,674	1,211,224	0	0	0
Connecticut	836,337	6,741	23,151	0	806,445	0	0	0
Delaware	517,359	0	8,426	0	508,933	0	0	0
Florida	7,554,448	144,202	35,965	0	7,374,281	0	0	0
Georgia	4,481,143	26,763	115,706	44,774	4,250,680	0	43,220	0
Hawaii	360,496	5,604	14,822	16,536	323,534	0	0	0
Idaho	781,945	14,339	34,389	22,185	711,032	0	0	0
Illinois	6,118,112	0	14,382	0	6,103,730	0	0	0
Indiana	4,588,807	0	0	82,388	4,493,709	12,710	0	0
Iowa	1,983,262	0	13,965	164,802	1,804,495	0	0	0
Kansas	955,900	24,820	15,826	41,911	873,343	0	0	0
Kentucky	3,209,494	54,142	0	53,936	3,101,416	0	0	0
Louisiana	2,433,649	26,325	37,822	223,533	2,145,969	0	0	0
Maine	621,290	0	0	0	621,290	0	0	0
Maryland	1,510,663	25,443	0	6,463	1,478,757	0	0	0
Massachusetts	468,474	35,654	8,028	0	424,516	0	0	276
Michigan	5,125,650	0	0	120,931	5,004,719	0	0	0
Minnesota	2,995,693	102,926	0	0	2,892,767	0	0	0
Mississippi	1,826,976	0	27,588	98,750	1,700,638	0	0	0
Missouri	2,949,776	49,562	0	177,581	2,722,633	0	0	0
Montana	480,077	11,041	0	21,531	447,505	0	0	0
Nebraska	1,025,717	4,572	17,040	66,530	937,575	0	0	0
Nevada	331,896	0	0	11,880	319,412	0	604	0
New Hampshire	366,426	1,181	4,339	37,003	323,903	0	0	0
New Jersey	662,642	6,852	0	44,482	586,338	0	24,970	0
New Mexico	666,275	0	21,649	7,376	613,678	0	23,572	0
New York	25,461,405	0	0	0	25,461,405	0	0	0
North Carolina	6,324,546	143,311	0	0	5,905,328	0	275,907	0
North Dakota	681,257	0	13,163	11,542	656,552	0	0	0
Ohio	6,264,093	0	320	59,955	6,203,818	0	0	0
Oklahoma	2,615,894	0	61,713	41,745	2,512,436	0	0	0
Oregon	1,182,201	5,015	23,826	295	1,153,065	0	0	0
Pennsylvania	3,856,076	141,694	0	160,363	3,554,019	0	0	0
Rhode Island	344,135	0	5,091	5,590	333,454	0	0	0
South Carolina	2,814,108	0	106,282	30,893	2,617,406	0	59,527	0
South Dakota	578,796	0	10,252	11,642	556,902	0	0	0
Tennessee	3,118,970	0	120,382	89,748	2,904,096	0	4,744	0
Texas	13,968,516	0	389,863	0	13,578,653	0	0	0
Utah	850,232	0	5,695	14,420	790,932	0	39,185	0
Vermont	394,588	7,024	2,632	14,649	370,015	0	268	0
Virginia	5,489,177	71,446	105,225	67,105	5,139,182	0	106,219	0
Washington	3,503,642	21,422	28,611	33,701	3,419,908	0	0	0
West Virginia	608,868	2,288	17,056	79,681	509,843	0	0	0
Wisconsin	1,852,023	261,388	21,050	26,730	1,542,855	0	0	0
Wyoming	508,603	4,689	2,043	4,265	497,606	0	0	0
Dist. of Columbia	106,173	0	7,355	900	97,918	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	3,352,294	13,000	135,360	9,472	3,159,604	0	8,858	26,000
Virgin Islands	105,177	6,979	0	0	84,822	0	13,376	0

Table 59

ENROLLMENT IN OFFICE OCCUPATIONS EDUCATION, BY TYPE OF CLASS, SEX, AND STATE FISCAL YEAR 1969

State	Grand Total			Secondary								Postsecondary Purpose 2 Full-Time Only				Adult				Persons With Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary		Male		Female	
State	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	1,835,124	404,291	1,430,833	16,841	42,244	55,224	179,582	69,170	329,427	75,983	353,727	53,656	98,203	28,254	38,335	58,033	199,630	43,866	180,631	3,264	(7,680) 1/	9,054	(27,837) 1/
Alabama	11,960	1,352	10,608	-	-	219	1,904	188	2,281	210	2,325	428	1,623	58	344	90	1,181	121	821	38	-	129	-
Alaska	5,341	1,449	3,892	244	264	526	826	325	1,417	303	1,001	5	200	-	-	46	184	-	-	-	(1,057)	-	(2,930)
Arizona	10,785	1,577	9,208	5	8	40	273	139	1,863	263	2,691	141	1,154	28	232	22	265	939	2,610	-	-	112	-
Arkansas	5,878	750	5,128	-	4	-	2	4	20	38	469	243	1,268	35	47	180	1,189	239	2,047	11	(37)	82	(396)
California	304,377	70,659	233,718	1,021	2,221	4,744	21,462	6,502	46,975	7,962	44,758	13,420	21,128	6,293	9,763	25,202	78,279	5,515	9,132	-	(2,018)	-	(8,302)
Colorado	18,768	3,923	14,845	9	49	185	612	401	1,614	693	3,235	953	1,691	198	342	659	3,510	792	3,362	33	-	430	-
Connecticut	33,084	8,332	24,752	1,425	3,539	2,625	7,887	1,164	6,740	1,221	5,654	1,069	445	343	199	472	182	-	-	13	(459)	106	(172)
Delaware	7,975	1,744	6,231	-	-	-	-	922	3,314	767	1,756	52	54	-	-	-	-	3	1,107	-	(12)	-	(52)
Florida	86,468	19,061	67,407	-	-	182	485	74	731	397	5,447	7,698	18,030	4,603	5,099	4,628	25,518	1,436	11,748	43	-	349	-
Georgia	92,504	23,978	68,526	59	160	5,433	13,928	3,984	12,775	6,663	18,489	479	2,556	170	40	344	1,253	6,742	19,081	104	-	244	-
Hawaii	7,557	1,006	6,551	-	-	37	397	282	2,334	345	2,525	226	656	63	274	50	362	3	3	-	-	-	-
Idaho	4,828	560	4,268	-	10	103	237	181	1,627	160	1,687	36	104	-	-	10	140	70	403	-	(41)	60	(282)
Illinois	55,839	13,159	42,680	142	621	347	1,014	1,126	7,831	2,132	16,830	2,811	2,650	1,700	1,363	3,783	7,938	484	2,277	634	-	2,156	-
Indiana	10,899	1,506	9,393	-	-	-	-	129	4,618	239	3,089	538	736	351	424	-	-	99	432	150	(55)	94	(334)
Iowa	4,908	1,054	3,854	-	-	-	-	12	7	35	697	263	878	59	22	-	-	685	2,250	-	(7)	-	(79)
Kansas	5,571	848	4,723	-	-	58	252	164	768	134	822	3	303	31	230	-	-	458	2,328	-	-	-	-
Kentucky	12,006	1,263	10,743	-	-	-	-	461	3,891	541	4,068	50	205	15	116	1	7	176	2,416	19	(111)	40	(876)
Louisiana	66,223	19,423	46,800	1,851	2,837	3,814	8,056	5,711	12,882	5,726	12,718	957	3,095	526	1,810	144	1,551	685	3,769	9	(50)	82	(374)
Maine	16,770	4,445	12,325	833	1,738	1,419	4,048	1,222	3,524	953	2,990	15	16	3	9	-	-	-	-	-	(15)	-	(51)
Maryland	55,392	11,380	44,012	254	436	4,238	11,463	2,807	10,394	2,307	8,706	575	999	126	326	102	798	577	9,938	394	-	952	-
Massachusetts	60,002	17,200	42,802	-	-	5,700	14,407	5,191	13,966	4,650	12,709	742	857	343	496	240	259	334	108	-	-	-	-
Michigan	58,451	9,010	49,441	70	235	267	1,506	1,353	13,249	2,191	21,867	1,703	2,900	943	1,526	1,466	4,049	1,015	4,086	2	(666)	23	(4,468)
Minnesota	26,990	3,693	23,297	-	-	-	-	150	2,350	966	13,443	524	1,730	176	41	53	226	1,811	5,448	13	(235)	59	(693)
Mississippi	6,612	1,071	5,541	-	-	-	-	1	23	23	374	355	1,013	87	209	508	2,917	97	940	-	-	65	-
Missouri	16,078	2,333	13,745	-	-	-	-	255	2,237	564	6,009	272	685	118	223	844	2,933	172	1,258	108	-	400	-
Montana	1,788	280	1,508	-	-	-	-	54	295	109	719	93	422	-	17	24	37	-	-	-	-	18	-
Nebraska	6,913	768	6,145	-	-	45	260	123	1,955	255	2,443	111	162	45	69	60	508	101	723	28	-	25	-
Nevada	5,048	805	4,243	38	66	135	339	132	790	129	712	25	140	-	-	342	2,133	4	63	-	-	-	-
New Hampshire	1,427	303	1,124	-	-	-	-	54	447	107	585	28	16	24	7	-	-	90	69	-	(1)	-	(1)
New Jersey	93,950	20,767	73,183	3,084	7,903	8,275	25,739	5,305	20,536	3,744	16,376	1	18	-	-	27	418	227	1,913	104	(24)	280	(125)
New Mexico	8,241	1,218	7,023	-	-	48	267	127	747	202	1,556	490	2,292	19	138	332	2,023	-	-	-	-	-	-
New York	263,732	58,660	205,072	6,889	20,976	12,043	43,760	10,098	48,307	11,609	37,378	3,216	2,668	1,988	1,690	1,707	664	10,570	48,782	540	-	847	-
North Carolina	20,964	6,641	14,323	-	-	4	4	119	139	331	2,466	2,101	2,472	884	759	2,120	4,447	942	3,696	140	-	340	-
North Dakota	3,162	599	2,563	-	-	43	103	144	895	201	886	100	363	58	47	8	165	45	104	-	(7)	-	(36)
Ohio	30,489	4,603	25,886	-	-	-	-	646	8,242	570	8,044	468	293	146	85	679	2,651	1,964	6,482	130	(730)	89	(1,575)
Oklahoma	4,731	398	4,333	-	-	-	-	69	558	142	1,369	-	19	-	-	187	2,334	-	-	-	(69)	53	(728)
Oregon	16,709	3,192	13,517	2	12	74	450	501	2,917	479	3,188	386	991	158	282	842	2,091	718	3,480	32	-	106	-
Pennsylvania	106,803	21,573	85,230	-	-	68	577	8,957	34,936	7,371	29,300	925	723	635	523	2,700	13,747	714	5,242	203	-	182	-
Rhode Island	352	158	194	-	-	2	-	37	39	23	113	30	7	25	8	-	-	41	27	-	-	-	-
South Carolina	9,019	834	8,185	35	232	92	897	248	3,253	295	2,670	-	-	-	-	-	-	114	761	50	-	372	-
South Dakota	2,369	356	2,013	-	-	-	-	-	26	28	479	14	50	-	-	100	890	214	568	-	(4)	-	(48)
Tennessee	11,781	959	10,822	-	-	-	23	92	1,921	179	2,591	300	1,135	53	323	170	2,427	165	2,402	-	(12)	-	(37)
Texas	31,838	8,669	23,169	-	-	-	-	251	2,148	471	5,504	2,872	3,503	3,852	3,577	406	2,685	715	5,561	102	-	191	-
Utah	21,313	7,212	14,101	880	933	755	1,777	1,239	2,390	2,420	4,331	280	460	152	111	1,124	2,122	125	1,131	237	-	846	-
Vermont	1,399	176	1,223	-	-	-	-	46	431	80	478	-	-	-	-	30	232	20	82	-	-	-	-
Virginia	62,595	12,522	50,073	-	-	2,578	11,705	2,787	13,513	2,440	12,549	1,175	978	439	293	1,704	8,163	1,364	2,686	35	-	186	-
Washington	72,785	17,909	54,876	-	-	-	-	3,503	13,732	3,675	13,247	5,675	13,004	2,834	6,497	6	125	2,216	8,271	-	(1,787)	-	(5,483)
West Virginia	11,818	1,647	10,171	-	-	-	-	805	4,311	659	3,439	4	43	-	-	132	1,757	45	591	2	-	30	-
Wisconsin	35,935	7,733	28,202	-	-	-	-	285	5,625	153	5,228	1,469	2,481	511	451	4,340	12,310	975	2,107	-	(257)	-	(655)
Wyoming	2,669	497	2,172	-	-	4	52	63	426	138	821	170	408	40	33	47	307	7	64	28	-	61	-
Dist. of Columbia	802	63	739	-	-	9	295	1	197	6	156	26	79	19	1	-	7	2	4	-	(26)	-	(140)
Guam	367	48	319	-	-	-	-	-	-	-	-	-	-	-	-	13	61	35	258	-	-	-	-
Puerto Rico	20,655	4,907	15,748	-	-	1,103	4,474	730	3,163	681	2,692	139	500	103	289	2,089	4,585	-	-	62	-	45	-
Virgin Islands	204	18	186	-	-	9	101	6	37	3	48	-	-	-	-	-	-	-	-	-	-	-	-

1/ In regular classes and received individual services.

Table 60

EXPENDITURES FOR VOCATIONAL EDUCATION IN OFFICE OCCUPATIONS BY SOURCE OF FUNDS AND BY STATE FISCAL YEAR 1969

State	Grand Total	State	Local	Federal
				V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)
Total	$216,813,270	$71,463,215	$113,099,776	$32,250,279
Alabama	1,931,224	330,490	977,372	623,362
Alaska	701,642	6,108	550,357	145,177
Arizona	1,519,659	417,190	580,913	521,556
Arkansas	812,991	282,850	151,508	378,633
California	8,978,718	0	5,881,136	3,097,582
Colorado	1,639,466	290,160	1,025,344	323,962
Connecticut	4,341,323	501,901	3,045,849	793,573
Delaware	626,062	505,360	85,841	34,861
Florida	4,715,895	3,358,964	912,438	444,493
Georgia	4,243,854	1,996,927	1,074,675	1,172,252
Hawaii	524,295	277,079	0	247,216
Idaho	467,171	98,053	218,414	150,704
Illinois	5,438,855	1,215,808	2,679,272	1,543,775
Indiana	1,025,165	58,937	558,874	407,354
Iowa	2,442,101	807,461	867,795	766,845
Kansas	1,254,065	300,086	647,217	306,762
Kentucky	2,883,480	1,999,479	262,651	621,350
Louisiana	3,971,441	23,169	2,274,014	1,674,258
Maine	1,952,900	165,176	1,527,841	259,883
Maryland	6,063,507	2,206,021	3,182,716	674,770
Massachusetts	11,498,863	400,000	10,219,322	879,541
Michigan	6,346,701	212,321	4,911,650	1,222,730
Minnesota	3,536,826	1,359,500	1,678,032	499,294
Mississippi	705,380	280,298	173,075	252,007
Missouri	2,885,307	392,692	1,838,503	654,112
Montana	439,109	115,591	217,062	106,456
Nebraska	1,002,794	131,316	514,434	357,044
Nevada	408,195	119,281	266,350	22,564
New Hampshire	318,548	44,111	252,624	21,813
New Jersey	10,837,573	6,587,417	2,843,148	1,407,008
New Mexico	890,886	22,793	593,121	274,972
New York	68,978,309	31,985,270	35,092,847	1,900,192
North Carolina	3,910,070	2,689,802	635,084	585,184
North Dakota	1,021,688	463,267	283,949	274,472
Ohio	7,142,038	1,848,780	4,586,191	707,067
Oklahoma	1,025,661	152,864	654,996	217,801
Oregon	2,633,820	518,125	1,806,056	309,639
Pennsylvania	3,432,169	537,283	2,160,186	734,700
Rhode Island	174,595	107,487	37,054	30,054
South Carolina	1,572,169	237,335	780,585	554,249
South Dakota	315,154	35,185	138,054	141,915
Tennessee	1,912,057	746,930	569,010	596,117
Texas	4,300,308	1,659,492	497,464	2,143,352
Utah	3,174,704	347,242	2,614,511	212,951
Vermont	125,503	7,049	80,238	38,216
Virginia	3,625,306	908,116	1,665,259	1,051,931
Washington	6,365,833	1,349,694	4,243,921	772,218
West Virginia	1,201,149	46,569	863,422	291,158
Wisconsin	8,418,619	1,671,664	6,106,372	640,583
Wyoming	497,506	47,315	273,029	177,162
Dist. of Columbia	282,372	208,653	0	73,719
Guam	7,108	7,108	0	0
Puerto Rico	2,160,865	1,266,285	0	894,580
Virgin Islands	132,271	115,161	0	17,110

Table 61

FEDERAL EXPENDITURES FOR VOCATIONAL EDUCATION IN OFFICE OCCUPATIONS BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$32,250,278	$1,276,053	$737,891	$928,237	$20,908,410	$985,001	$7,360,768	$53,918
Alabama	623,362	0	0	15,979	607,383	0	0	0
Alaska	145,177	0	0	11,693	116,773	0	16,711	0
Arizona	521,556	11,445	23,693	20,000	110,277	0	356,141	0
Arkansas	378,633	56,652	0	0	315,605	0	0	6,376
California	3,097,582	654,434	44,189	0	1,412,724	0	986,235	0
Colorado	323,962	37,425	0	0	157,566	0	128,971	0
Connecticut	793,573	0	0	0	656,473	0	137,100	0
Delaware	34,861	2,336	7,264	0	25,261	0	0	0
Florida	444,493	15,075	62,968	41,917	27,265	0	297,268	0
Georgia	1,172,252	0	0	0	694,440	0	477,812	0
Hawaii	247,216	0	0	0	216,849	0	30,367	0
Idaho	150,704	4,355	0	5,914	135,279	0	5,156	0
Illinois	1,543,775	19,458	0	29,269	1,378,881	0	116,167	0
Indiana	407,355	15,784	0	7,624	260,349	21,086	102,512	0
Iowa	766,845	0	0	20,000	475,919	0	270,926	0
Kansas	306,762	26,690	1,447	0	217,744	296	56,643	3,942
Kentucky	621,350	48,899	0	63,800	431,054	0	75,163	2,434
Louisiana	1,674,258	27,000	24,053	77,686	1,545,519	0	0	0
Maine	259,883	9,839	0	0	182,991	0	67,053	0
Maryland	674,769	25,520	0	13,219	300,439	0	335,591	0
Massachusetts	879,541	15,500	8,592	0	468,753	0	386,696	0
Michigan	1,222,730	0	17,318	8,750	881,708	0	314,954	0
Minnesota	499,294	104,958	0	20,241	194,728	0	169,367	0
Mississippi	252,007	2,414	11,140	18,152	167,890	0	52,411	0
Missouri	654,112	3,222	0	7,197	280,117	0	363,576	0
Montana	106,456	11,936	0	9,433	59,369	0	25,718	0
Nebraska	357,044	3,286	7,065	22,626	259,171	0	64,896	0
Nevada	22,564	0	0	0	19,995	0	2,569	0
New Hampshire	21,813	709	2,949	3,000	0	0	15,155	0
New Jersey	1,407,008	4,023	60,833	110,073	235,033	953,638	39,815	3,593
New Mexico	274,972	284	21,325	3,779	249,584	0	0	0
New York	1,900,192	0	0	0	1,900,192	0	0	0
North Carolina	585,184	10,011	0	0	510,754	0	64,419	0
North Dakota	274,473	0	9,769	13,081	162,014	0	89,609	0
Ohio	707,065	0	52,125	36,286	207,219	0	411,435	0
Oklahoma	217,800	11,625	17,622	20,153	157,896	0	7,041	3,463
Oregon	309,639	2,381	14,022	0	273,134	0	18,866	1,236
Pennsylvania	734,700	41,110	0	167,889	463,417	6,215	56,069	0
Rhode Island	30,054	0	12,927	0	17,127	0	0	0
South Carolina	554,249	0	26,153	1,052	356,075	0	170,969	0
South Dakota	141,915	0	6,283	11,606	91,747	0	32,279	0
Tennessee	596,117	9,434	0	0	552,765	0	33,918	0
Texas	2,143,352	0	92,755	0	1,702,439	0	348,158	0
Utah	212,951	0	15,423	13,347	151,343	0	32,838	0
Vermont	38,216	0	0	0	35,816	0	2,400	0
Virginia	1,051,931	18,931	0	76,556	621,266	0	335,178	0
Washington	772,218	31,154	64,193	37,775	224,539	0	389,028	25,529
West Virginia	291,159	18,300	11,518	0	132,742	0	128,599	0
Wisconsin	640,583	27,703	57,536	9,328	321,084	3,766	213,821	7,345
Wyoming	177,162	4,160	15,691	7,192	131,174	0	18,945	0
Dist. of Columbia	73,719	0	0	0	47,434	0	26,285	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	894,580	0	49,038	13,620	745,984	0	85,938	0
Virgin Islands	17,110	0	0	0	17,110	0	0	0

Table 62

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL EDUCATION IN OFFICE OCCUPATIONS BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$184,562,995	$2,492,059	$580,802	$1,585,026	$168,495,156	$1,057,803	$10,156,003	$196,146
Alabama	1,307,862	0	0	0	1,307,862	0	0	0
Alaska	556,467	0	0	3,693	490,064	0	62,710	0
Arizona	998,103	50,913	6,938	44,849	867,643	14,730	13,030	0
Arkansas	434,358	56,653	0	0	371,328	0	0	6,377
California	5,881,136	680,744	0	0	4,093,557	0	1,106,835	0
Colorado	1,315,504	60,792	0	54,702	1,060,692	0	139,318	0
Connecticut	3,547,750	0	0	0	3,330,336	0	217,414	0
Delaware	591,201	3,637	1,822	0	585,742	0	0	0
Florida	4,271,402	79,604	0	0	4,190,518	1,280	0	0
Georgia	3,071,602	0	0	0	2,212,316	0	859,286	0
Hawaii	277,079	0	12,831	0	262,555	0	1,693	0
Idaho	316,467	11,465	11,742	17,093	272,154	0	4,013	0
Illinois	3,895,080	58,376	0	29,269	3,729,990	0	77,445	0
Indiana	617,811	16,860	0	17,929	432,840	22,337	127,845	0
Iowa	1,675,256	0	0	59,150	1,165,657	0	450,449	0
Kansas	947,303	73,201	5,685	0	702,895	842	155,614	9,066
Kentucky	2,262,130	84,583	0	63,800	1,906,590	0	200,680	6,477
Louisiana	2,297,183	136,757	23,169	120,714	2,016,543	0	0	0
Maine	1,693,017	9,838	0	0	1,631,970	0	51,209	0
Maryland	5,388,737	87,241	0	28,161	4,865,230	0	380,605	27,500
Massachusetts	10,619,322	0	0	0	10,619,322	0	0	0
Michigan	5,123,971	0	17,318	65,233	4,726,466	0	314,954	0
Minnesota	3,037,532	254,663	0	30,241	2,208,333	0	543,105	1,190
Mississippi	453,373	0	8,848	44,656	318,864	0	81,005	0
Missouri	2,231,195	12,414	0	25,605	1,825,273	0	367,903	0
Montana	332,653	23,975	0	11,065	220,027	0	77,586	0
Nebraska	645,750	6,103	7,068	111,798	400,067	0	120,714	0
Nevada	385,631	0	0	0	326,544	0	59,087	0
New Hampshire	296,735	709	2,909	12,000	265,962	0	15,155	0
New Jersey	9,430,565	40,511	60,833	111,570	7,790,217	967,056	456,785	3,593
New Mexico	615,914	2,681	21,361	4,105	498,418	0	89,349	0
New York	67,078,117	0	0	0	67,078,117	0	0	0
North Carolina	3,324,886	272,389	0	0	2,438,548	0	613,932	17
North Dakota	747,216	0	5,478	135,279	531,525	0	74,934	0
Ohio	6,434,974	0	38,578	80,885	5,904,075	0	411,436	0
Oklahoma	807,860	37,485	17,967	22,422	715,798	0	4,331	9,857
Oregon	2,324,181	0	8,869	0	2,302,448	2,988	9,876	0
Pennsylvania	2,697,468	41,110	0	167,889	1,970,852	11,625	505,992	0
Rhode Island	144,541	0	0	0	144,541	0	0	0
South Carolina	1,017,920	0	25,186	803	962,195	0	29,736	0
South Dakota	173,239	0	6,470	11,606	122,883	0	32,280	0
Tennessee	1,315,940	18	54,541	48,718	1,036,087	0	176,576	0
Texas	2,156,956	0	0	0	1,807,271	0	349,685	0
Utah	2,961,753	0	2,805	8,880	2,656,931	0	293,137	0
Vermont	87,287	0	0	0	84,887	0	2,400	0
Virginia	2,573,375	126,470	62,084	133,194	1,673,609	0	578,018	0
Washington	5,593,615	17,051	29,847	49,285	4,896,801	0	566,936	33,695
West Virginia	909,991	27,583	3,072	0	864,673	0	14,663	0
Wisconsin	7,778,036	213,544	40,104	27,567	6,964,512	36,945	396,990	98,374
Wyoming	320,344	4,689	414	29,245	267,051	0	18,945	0
Dist. of Columbia	208,653	0	0	0	177,711	0	30,942	0
Guam	7,108	0	0	0	7,108	0	0	0
Puerto Rico	1,266,285	0	104,863	13,620	1,102,734	0	45,068	0
Virgin Islands	115,161	0	0	0	88,824	0	26,337	0

Table 63

ENROLLMENT IN TECHNICAL EDUCATION BY TYPE OF CLASS, SEX, AND STATE
FISCAL YEAR 1969

State	Grand Total			Secondary								Postsecondary (Purpose 2) Full-Time Only				Adult				Persons With Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary					
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male		Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	31 ,311	287,776	27,555	1,167	45	6,709	415	10,554	1,316	9,878	1,749	74,787	6,420	45,047	4,310	68,032	7,970	70,499	5,213	1,103	(3,072) 1/	97	(229) 1/
Alabama	2,347	2,006	341	11	-	48	-	109	-	97	6	965	262	490	59	3	-	283	14	-	-	-	-
Alaska	273	271	2	67	2	32	-	71	-	57	-	14	-	6	-	-	-	24	-	-	(225)	-	(2)
Arizona	5,573	4,845	728	-	-	-	-	4	-	1	-	1,451	193	490	63	120	51	2,779	421	-	-	-	-
Arkansas	577	556	21	-	-	83	2	16	1	19	2	162	16	20	-	-	-	256	-	-	(19)	-	(11)
California	46,936	42,857	4,079	142	-	285	6	405	28	474	75	11,225	447	5,587	228	20,292	2,676	4,447	619	-	(243)	-	(106)
Colorado	4,292	3,844	448	-	-	-	-	-	-	-	-	1,026	126	505	96	954	85	1,344	128	15	-	13	-
Connecticut	10,903	10,374	529	-	-	-	-	-	-	-	-	1,245	65	674	29	97	5	7,992	414	366	-	16	-
Delaware	356	353	3	1	-	60	2	68	-	50	1	-	-	-	-	12	-	162	-	-	(41)	-	(1)
Florida	19,020	16,404	2,616	5	2	97	21	269	32	298	63	4,512	552	7,904	1,273	1,064	245	2,105	407	150	-	21	-
Georgia	12,672	12,416	256	-	-	-	-	-	-	-	-	1,433	100	809	25	407	12	9,767	119	-	-	-	-
Hawaii	661	611	50	-	-	-	-	-	-	-	-	262	29	91	2	206	19	52	-	-	-	-	-
Idaho	493	479	14	-	-	-	-	-	-	2	-	194	6	179	1	-	-	104	7	-	-	-	-
Illinois	8,502	8,062	440	-	-	-	-	-	-	-	-	2,822	113	1,499	72	2,540	151	1,201	104	-	-	-	-
Indiana	4,228	3,837	391	-	-	-	-	-	-	-	-	713	72	235	22	2,889	297	-	-	-	-	-	-
Iowa	1,406	1,400	6	-	-	31	-	44	-	22	-	673	-	395	-	-	-	235	6	-	(116)	-	-
Kansas	2,815	2,279	536	-	-	1	-	280	12	181	14	470	84	334	59	962	361	51	6	-	(66)	-	(21)
Kentucky	1,015	1,014	1	-	-	3	-	75	-	49	-	407	1	156	-	109	-	215	-	-	(15)	-	(1)
Louisiana	3,870	3,517	353	-	-	-	-	7	-	27	-	1,513	39	716	11	228	173	1,025	130	1	(10)	-	-
Maine	199	199	-	-	-	-	-	-	-	-	-	71	-	56	-	-	-	72	-	-	-	-	-
Maryland	4,138	3,019	1,119	-	-	126	1	225	16	240	35	1,213	549	558	275	-	26	623	217	34	-	-	-
Massachusetts	2,321	2,238	83	-	-	-	-	-	-	-	-	811	47	531	30	140	-	756	6	-	-	-	-
Michigan	8,774	8,584	190	-	-	-	-	-	-	-	-	2,779	76	1,439	35	1,763	70	2,591	9	12	-	-	-
Minnesota	6,618	6,521	97	-	-	-	-	-	-	1	-	1,260	22	664	12	92	6	4,504	57	-	(289)	-	(2)
Mississippi	4,696	4,658	38	-	-	-	-	-	-	-	-	538	7	348	4	231	2	3,541	25	-	-	-	-
Missouri	4,350	3,855	495	-	-	1	-	121	68	147	78	2,134	164	1,184	79	22	-	233	106	13	-	-	-
Montana	1,434	1,418	16	-	-	159	-	280	1	210	-	374	11	145	1	-	-	250	3	-	-	-	-
Nebraska	1,256	1,226	30	-	-	-	-	-	-	11	1	293	2	709	9	22	17	191	1	-	-	-	-
Nevada	3,023	2,683	340	30	-	305	23	319	27	221	13	274	36	156	-	721	131	657	110	-	-	-	-
New Hampshire	432	423	9	-	-	-	-	-	-	-	-	152	-	66	-	-	-	205	9	-	-	-	-
New Jersey	8,503	8,055	448	317	37	545	49	565	59	405	22	456	15	226	8	533	42	5,002	216	6	-	-	-
New Mexico	1,384	1,231	153	-	-	-	-	-	-	-	-	800	129	347	19	10	-	74	5	-	-	-	-
New York	34,039	30,920	3,119	345	3	2,268	136	3,122	150	2,944	419	6,541	657	3,408	484	9,989	1,110	1,933	137	370	-	23	-
North Carolina	6,273	6,034	239	-	-	-	-	-	-	-	-	1,598	70	755	22	1,540	53	2,062	85	79	(121)	9	(3)
North Dakota	924	888	36	-	-	-	-	-	-	-	-	533	26	322	10	-	-	33	-	-	(10)	-	-
Ohio	3,318	3,286	32	-	-	-	-	-	-	-	-	1,466	8	612	6	-	-	1,208	18	-	-	-	-
Oklahoma	5,593	4,955	638	-	-	69	-	182	7	221	25	1,096	201	617	43	2,225	315	545	42	-	(933)	-	-
Oregon	3,843	3,557	286	-	-	-	-	-	-	2	-	1,038	48	444	19	1,288	186	777	33	8	-	-	-
Pennsylvania	17,022	14,842	2,180	-	-	1,901	160	2,792	429	2,383	413	1,498	117	1,003	84	673	125	4,592	852	-	-	-	-
Rhode Island	673	654	19	-	-	41	1	62	1	48	1	99	2	55	-	-	-	349	14	-	-	-	-
South Carolina	19,161	16,985	2,176	30	-	139	13	307	24	327	17	1,626	378	1,211	322	13,345	1,422	-	-	-	(37)	-	-
South Dakota	456	456	-	-	-	-	-	-	-	151	-	305	-	-	-	-	-	-	-	-	(45)	-	-
Tennessee	3,906	3,438	468	-	-	15	1	140	9	157	7	994	123	400	51	1,602	235	130	42	-	-	-	-
Texas	8,770	7,537	1,233	-	-	54	-	588	416	628	499	2,486	134	2,696	125	102	-	934	44	49	-	15	-
Utah	1,114	1,038	76	-	-	-	-	-	-	-	-	819	29	112	10	107	37	-	-	-	-	-	-
Vermont	691	688	3	-	-	-	-	-	-	-	-	257	2	114	1	-	-	317	-	-	-	-	-
Virginia	4,542	4,432	110	219	1	369	-	317	2	156	1	992	21	561	8	854	50	964	27	-	-	-	-
Washington	20,404	17,698	2,706	-	-	-	-	-	-	139	28	9,096	1,346	4,534	667	-	-	3,929	665	-	(638)	-	(80)
West Virginia	2,561	2,367	194	-	-	58	-	176	34	195	29	1,074	38	355	17	-	-	509	76	-	-	-	-
Wisconsin	7,520	7,377	143	-	-	-	-	-	-	-	-	2,272	24	1,027	12	2,774	68	1,304	39	-	(264)	-	(2)
Wyoming	130	130	-	-	-	-	-	-	-	-	-	57	-	31	-	25	-	17	-	-	-	-	-
Dist. of Columbia	14	14	-	-	-	-	-	-	-	-	-	5	-	1	-	-	-	8	-	-	-	-	-
Guam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	1,246	1,201	45	-	-	-	-	-	-	-	-	693	33	270	12	91	-	147	-	-	-	-	-
Virgin Islands	44	44	-	-	-	19	-	10	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-

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1/ In regular classes and received individual services.

Table 64

EXPENDITURES FOR TECHNICAL EDUCATION
BY SOURCE OF FUNDS AND BY STATE
FISCAL YEAR 1969

State	Grand Total	State	Local	Federal		
				Total	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total	$101,191,675	$34,330,854	$43,176,230	$23,684,591	$5,284,514	$18,400,077
Alabama	689,675	33,344	312,098	344,233	344,233	0
Alaska	165,575	15,850	113,815	35,910	0	35,910
Arizona	1,249,719	328,627	519,734	401,358	0	401,358
Arkansas	733,604	343,409	49,647	340,548	0	340,548
California	9,310,330	0	7,697,617	1,612,713	772,802	839,911
Colorado	1,158,882	74,574	692,002	392,306	130,792	261,514
Connecticut	1,892,366	1,585,344	0	307,022	0	307,022
Delaware	253,650	127,480	63,276	62,894	62,894	0
Florida	3,188,208	2,115,720	573,892	498,596	0	498,596
Georgia	1,701,542	956,292	31,532	713,718	0	713,718
Hawaii	157,015	85,769	0	71,246	69,044	2,202
Idaho	434,610	222,196	1,337	211,077	100,797	110,280
Illinois	4,592,315	704,984	2,082,959	1,804,372	0	1,804,372
Indiana	1,580,152	0	1,035,337	544,815	434,831	109,984
Iowa	1,700,796	541,060	679,459	480,277	401,281	78,996
Kansas	1,353,066	193,849	722,469	436,748	236,560	200,188
Kentucky	679,090	512,823	0	166,267	0	166,267
Louisiana	731,624	0	403,106	328,518	266,518	62,000
Maine	45,199	34,529	0	10,670	0	10,670
Maryland	4,011,993	1,153,936	2,008,439	849,618	0	849,618
Massachusetts	1,085,138	6,738	611,825	466,575	249,928	216,647
Michigan	2,343,602	82,954	1,745,767	514,881	0	514,881
Minnesota	1,749,004	603,399	824,290	321,315	0	321,315
Mississippi	666,073	245,731	131,201	289,141	0	289,141
Missouri	1,386,005	190,352	775,756	419,897	419,897	0
Montana	440,319	42,780	211,754	185,785	70,044	115,741
Nebraska	629,460	0	332,990	296,470	0	296,470
Nevada	427,004	42,672	271,809	112,523	0	112,523
New Hampshire	146,195	119,300	6,012	20,883	0	20,883
New Jersey	1,851,296	450,005	1,062,577	338,714	0	338,714
New Mexico	335,741	7,286	192,232	136,223	0	136,223
New York	15,400,675	6,830,419	7,447,712	1,122,544	0	1,122,544
North Carolina	3,688,985	3,157,995	204,404	326,586	0	326,586
North Dakota	375,064	194,844	32,859	147,361	0	147,361
Ohio	2,579,875	527,480	1,332,260	720,135	664,757	55,378
Oklahoma	2,008,576	216,918	1,042,861	748,797	0	748,797
Oregon	1,180,069	615,170	222,316	342,583	0	342,583
Pennsylvania	2,650,644	679,314	1,879,600	91,730	0	91,730
Rhode Island	231,533	212,659	0	18,874	0	18,874
South Carolina	7,596,148	5,646,224	236,127	1,713,797	0	1,713,797
South Dakota	321,263	81,874	85,582	153,807	131,403	22,404
Tennessee	2,307,083	1,398,901	0	908,182	0	908,182
Texas	5,034,567	1,491,888	1,247,915	2,294,764	0	2,294,764
Utah	493,886	340,144	0	153,742	68,624	85,118
Vermont	461,470	442,926	8,226	10,318	0	10,318
Virginia	2,666,579	107,467	1,392,435	1,166,677	0	1,166,677
Washington	2,194,993	292,432	1,626,383	276,178	215,204	60,974
West Virginia	625,204	12,633	425,174	187,397	173,991	13,406
Wisconsin	3,721,442	811,298	2,796,486	113,658	0	113,658
Wyoming	72,839	260	42,958	29,621	28,387	1,234
Dist. of Columbia	11,192	6,592	0	4,600	4,600	0
Guam	0	0	0	0	0	0
Puerto Rico	852,762	426,381	0	426,381	426,381	0
Virgin Islands	27,578	16,032	0	11,546	11,546	0

Table 65

FEDERAL EXPENDITURES FOR TECHNICAL EDUCATION PROGRAMS BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$23,684,590	$1,547,551	$380,121	$384,895	$15,865,026	$34,766	$5,399,298	$72,933
Alabama	344,233	0	0	0	337,507	0	6,726	0
Alaska	35,910	0	0	0	35,910	0	0	0
Arizona	401,358	7,799	16,543	0	26,474	0	350,542	0
Arkansas	340,548	109,657	0	0	219,939	0	0	10,952
California	1,612,713	257,745	42,687	0	550,232	0	762,049	0
Colorado	392,307	10,531	0	0	230,374	0	151,402	0
Connecticut	307,022	0	0	0	302,972	0	4,050	0
Delaware	62,894	13,977	3,532	0	28,936	0	16,449	0
Florida	498,596	26,555	58,727	22,223	12,742	0	378,349	0
Georgia	713,718	0	0	0	677,321	0	36,397	0
Hawaii	71,246	0	0	0	68,883	0	2,363	0
Idaho	211,077	21,635	0	6,146	169,293	0	14,003	0
Illinois	1,804,372	32,524	0	4,670	679,254	0	1,087,924	0
Indiana	544,815	117,636	0	0	317,828	0	109,351	0
Iowa	480,277	0	0	0	346,985	0	133,292	0
Kansas	436,748	25,387	8,092	0	262,925	0	135,364	4,980
Kentucky	166,267	24,912	0	0	124,372	0	14,835	2,148
Louisiana	328,518	12,000	6,676	0	309,842	0	0	0
Maine	10,670	0	0	0	10,670	0	0	0
Maryland	849,617	11,783	0	0	622,288	1,500	214,046	0
Massachusetts	466,575	34,526	9,433	6,058	350,568	0	50,006	15,984
Michigan	514,881	0	7,954	0	506,927	0	0	0
Minnesota	321,315	58,643	0	12,094	147,524	0	103,054	0
Mississippi	289,141	57	7,572	0	269,649	0	11,863	0
Missouri	419,897	0	0	0	288,324	0	131,573	0
Montana	185,785	15,318	0	0	147,865	0	22,602	0
Nebraska	296,470	0	0	0	282,848	0	13,622	0
Nevada	112,523	0	0	0	111,994	0	529	0
New Hampshire	20,883	5,926	0	0	10,872	0	4,085	0
New Jersey	338,714	2,682	51,313	44,148	194,923	30,763	12,489	2,396
New Mexico	136,223	0	6,634	652	125,901	0	3,036	0
New York	1,122,544	0	0	0	1,122,544	0	0	0
North Carolina	326,586	0	0	0	326,586	0	0	0
North Dakota	147,361	0	3	0	132,057	0	15,301	0
Ohio	720,134	0	16,113	0	563,257	0	140,764	0
Oklahoma	748,797	17,050	60,042	10,977	651,469	0	4,180	5,079
Oregon	342,583	0	65	0	273,579	0	68,948	0
Pennsylvania	91,730	43,710	0	0	36,826	0	11,194	0
Rhode Island	18,874	0	12,350	0	6,524	0	0	0
South Carolina	1,713,797	500,000	9,468	0	1,202,287	0	2,042	0
South Dakota	153,807	3,801	0	0	120,798	0	29,208	0
Tennessee	908,182	160,429	0	0	705,027	0	21,423	21,303
Texas	2,294,764	0	0	0	1,360,662	0	934,102	0
Utah	153,742	0	3,042	0	145,700	0	5,000	0
Vermont	10,318	0	0	0	10,318	0	0	0
Virginia	1,166,677	0	0	271,637	871,743	0	23,297	0
Washington	276,178	7,789	19,777	1,703	205,113	601	34,813	6,382
West Virginia	187,397	3,305	14,426	0	150,226	0	19,440	0
Wisconsin	113,658	11,754	17,552	4,587	3,812	1,902	70,342	3,709
Wyoming	29,621	231	0	0	29,390	0	0	0
Dist. of Columbia	4,600	0	0	0	4,600	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	426,381	8,000	8,120	0	161,018	0	249,243	0
Virgin Islands	11,546	2,189	0	0	9,357	0	0	0

Table 66

STATE AND LOCAL MATCHING EXPENDITURES FOR TECHNICAL EDUCATION PROGRAMS BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$77,507,086	$3,972,330	$196,220	$451,019	$64,961,757	$42,917	$7,792,563	$90,280
Alabama	345,442	0	0	0	338,716	0	6,726	0
Alaska	129,665	0	0	0	38,057	0	91,608	0
Arizona	848,361	24,203	4,944	18,532	800,682	0	0	0
Arkansas	393,056	121,912	0	0	258,212	0	0	12,932
California	7,697,618	367,712	0	0	6,494,137	0	835,769	0
Colorado	766,577	15,814	0	26,893	571,561	0	152,309	0
Connecticut	1,585,344	0	0	0	1,501,916	0	83,428	0
Delaware	190,756	3,637	3,321	0	153,444	0	30,354	0
Florida	2,689,612	110,107	799	11,687	2,557,903	9,116	0	0
Georgia	987,824	0	0	0	899,843	0	87,981	0
Hawaii	85,769	0	0	0	85,593	0	176	0
Idaho	223,533	24,708	6,161	1,237	133,616	0	57,811	0
Illinois	2,787,943	81,436	0	4,670	1,976,557	0	725,280	0
Indiana	1,035,337	220,052	0	0	596,804	0	218,481	0
Iowa	1,220,519	0	0	0	1,011,764	0	208,755	0
Kansas	916,318	66,289	12,249	0	570,043	0	256,769	10,968
Kentucky	512,823	56,414	0	0	331,035	0	119,656	5,718
Louisiana	403,106	66,849	0	0	336,257	0	0	0
Maine	34,529	0	0	0	30,518	0	4,011	0
Maryland	3,162,376	11,783	0	0	2,907,021	950	242,622	0
Massachusetts	618,563	72,941	0	0	545,041	0	0	581
Michigan	1,828,721	0	7,954	0	1,820,767	0	0	0
Minnesota	1,427,689	105,480	0	12,094	1,165,870	0	144,245	0
Mississippi	376,932	0	6,273	0	346,722	0	23,937	0
Missouri	966,108	0	0	0	714,531	0	251,577	0
Montana	254,534	23,002	0	0	200,402	0	31,130	0
Nebraska	332,990	0	0	0	283,231	0	49,759	0
Nevada	314,481	0	0	0	314,481	0	0	0
New Hampshire	125,312	13,924	0	0	111,388	0	0	0
New Jersey	1,512,582	104,144	51,313	44,617	1,178,897	31,195	100,020	2,396
New Mexico	199,518	0	6,634	1,384	190,462	0	1,038	0
New York	14,278,131	0	0	0	14,278,131	0	0	0
North Carolina	3,362,399	418,065	0	0	1,562,669	0	1,381,646	19
North Dakota	227,703	0	0	0	212,402	0	15,301	0
Ohio	1,859,740	0	0	0	1,718,976	0	140,764	0
Oklahoma	1,259,779	54,978	13,153	10,791	1,162,221	0	4,180	14,456
Oregon	837,486	0	0	253	829,150	0	8,083	0
Pennsylvania	2,558,913	43,710	0	0	2,500,258	0	14,945	0
Rhode Island	212,659	0	0	0	212,659	0	0	0
South Carolina	5,882,351	1,704,380	8,246	0	3,140,465	0	1,029,260	0
South Dakota	167,456	3,801	0	0	134,448	0	29,207	0
Tennessee	1,398,901	221,069	4,547	0	938,785	0	206,769	27,731
Texas	2,739,803	0	0	0	1,804,064	0	935,739	0
Utah	340,144	0	396	0	305,525	0	34,223	0
Vermont	451,152	0	0	0	451,152	0	0	0
Virginia	1,499,902	0	0	301,761	1,170,922	0	27,219	0
Washington	1,918,815	4,263	9,506	10,912	1,811,142	48	74,520	8,424
West Virginia	437,807	2,131	7,477	0	425,174	0	3,025	0
Wisconsin	3,607,784	18,939	20,251	5,180	3,424,395	1,608	130,356	7,055
Wyoming	43,218	260	0	0	42,958	0	0	0
Dist. of Columbia	6,592	0	0	0	6,585	0	7	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	426,381	8,000	32,996	0	353,838	0	31,547	0
Virgin Islands	16,032	2,327	0	1,008	10,367	0	2,330	0

Table 67

ENROLLMENT IN VOCATIONAL TRADE AND INDUSTRIAL EDUCATION BY TYPE OF CLASS, SEX, AND STATE
FISCAL YEAR 1969

	Grand Total			Secondary								Postsecondary Purpose 2 Full-Time Only				Adult				Persons With Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary		Male		Female	
State	Total	Male	Female	Male 1/	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	1,720,859	1,529,709	191,150	16,564	1,518	75,010	11,740	149,279	21,728	158,536	24,179	106,069	16,493	46,225	5,414	186,710	33,187	754,060	68,405	37,256	(19,352) 2/	8,486	(2,796) 2/
Alabama	27,811	24,361	3,450	234	6	1,357	184	2,632	490	2,253	499	5,277	1,376	1,978	65	129	95	10,301	726	200	-	9	-
Alaska	1,365	1,343	22	209	-	180	-	261	11	333	11	78	-	-	-	282	-	-	-	-	(1,076)	-	(18)
Arizona	11,248	9,229	2,019	68	-	202	2	706	32	1,105	203	686	150	109	8	420	124	5,808	1,234	125	-	266	-
Arkansas	17,019	16,051	968	-	-	129	84	446	84	628	101	2,500	92	350	23	262	1	11,564	407	172	(907)	176	(137)
California	239,997	211,774	28,223	1,829	75	4,811	371	12,709	933	17,623	1,975	26,844	5,463	13,197	2,693	81,680	12,753	52,557	3,710	524	(3,422)	250	(963)
Colorado	18,933	18,164	769	11	-	51	-	1,644	95	1,602	180	2,376	136	1,442	91	4,191	75	6,267	112	580	-	80	-
Connecticut	24,408	23,051	1,357	1,864	120	2,262	224	2,236	276	2,193	396	172	12	39	7	-	-	14,001	320	284	(290)	2	(86)
Delaware	12,099	10,075	2,024	2	52	624	188	503	147	445	133	-	-	-	-	654	225	7,847	1,279	-	(815)	-	(119)
Florida	62,944	54,566	8,378	819	197	1,990	64	5,599	1,050	5,155	940	4,257	1,237	1,321	355	7,039	2,112	27,084	2,242	1,302	-	181	-
Georgia	58,373	50,688	7,685	-	-	133	2	2,819	406	2,566	621	4,209	1,214	1,086	20	9,888	738	29,160	4,595	827	-	89	-
Hawaii	3,215	2,924	291	-	-	-	-	8	3	17	-	506	137	229	46	221	24	1,884	81	59	-	-	-
Idaho	3,989	3,847	142	-	-	319	-	195	-	405	5	521	32	130	-	-	-	2,271	105	6	(52)	-	-
Illinois	53,423	46,965	6,458	343	59	618	358	6,426	718	6,616	753	1,914	119	384	72	5,283	1,601	18,256	272	7,125	(424)	2,506	(43)
Indiana	22,195	21,163	1,032	-	-	-	-	2,373	105	3,085	197	-	-	-	-	1,698	47	13,351	269	656	-	414	-
Iowa	18,934	18,308	626	-	-	275	20	617	12	1,385	188	1,699	68	276	7	-	-	14,056	331	-	(540)	-	(29)
Kansas	27,806	22,474	5,332	35	-	401	-	940	7	1,332	104	1,034	141	391	3	127	145	17,969	4,932	245	(982)	-	(49)
Kentucky	30,608	29,603	1,005	75	-	295	5	3,735	235	3,554	195	2,521	358	838	113	178	20	18,175	6	232	(428)	73	(9)
Louisiana	21,803	20,185	1,618	95	-	302	10	568	68	945	58	3,760	136	2,103	85	1,876	527	10,248	730	288	(462)	4	(9)
Maine	6,152	5,976	176	-	-	-	-	532	13	789	49	576	12	573	5	-	-	3,468	87	38	-	10	-
Maryland	18,703	15,392	3,311	753	186	3,322	632	3,383	696	3,066	558	223	19	49	5	1,100	71	2,629	1,038	887	-	106	-
Massachusetts	23,897	22,284	1,613	2,823	155	4,443	298	3,506	274	2,899	196	373	200	182	23	1,248	107	6,657	353	153	-	7	-
Michigan	87,968	79,712	8,256	437	-	2,647	206	5,791	413	8,514	946	3,566	410	1,727	144	4,082	198	52,485	5,865	463	(423)	74	(3)
Minnesota	39,255	38,074	1,181	-	-	224	41	308	50	1,308	182	3,585	348	1,820	92	1,161	1	29,500	460	168	(785)	7	(85)
Mississippi	17,181	15,809	1,372	155	-	775	-	1,874	60	1,378	117	1,550	100	386	-	696	311	7,785	485	1,210	(105)	299	(4)
Missouri	20,668	19,426	1,242	743	33	635	59	3,193	195	4,418	378	107	22	8	1	369	281	9,842	205	111	-	68	-
Montana	3,849	3,818	31	76	-	396	-	791	1	928	1	568	15	165	14	-	-	862	-	32	-	-	-
Nebraska	10,997	10,750	247	1	-	-	-	1,230	8	1,199	15	160	-	216	-	995	13	6,552	147	397	-	64	-
Nevada	3,859	3,738	121	-	-	34	-	229	3	600	45	-	-	-	-	994	18	1,205	23	676	-	32	-
New Hampshire	3,764	3,667	97	5	-	127	31	367	32	314	17	453	4	219	1	-	-	2,169	12	13	-	-	-
New Jersey	30,963	26,536	4,427	2,104	413	2,532	614	2,998	992	3,985	1,070	176	164	1	-	3,646	287	10,517	778	577	(11)	109	(35)
New Mexico	4,748	4,583	165	89	22	160	8	593	6	605	11	187	16	96	11	1,516	-	1,337	91	-	(146)	-	(30)
New York	113,752	94,440	19,312	972	64	16,641	4,713	18,774	5,619	16,171	4,992	1,346	173	1,434	131	16,467	198	19,191	2,313	3,444	-	1,109	-
North Carolina	103,641	84,285	19,356	591	6	5,999	104	9,654	879	9,707	1,168	3,664	439	292	51	[illegible]	4,324	42,147	12,222	416	-	163	-
North Dakota	2,395	2,391	4	8	-	28	1	157	-	199	1	740	-	316	-	-	2	943	-	-	(96)	-	-
Ohio	78,283	72,100	6,183	-	-	-	-	6,935	1,222	6,867	1,368	-	-	-	-	378	12	53,917	2,492	4,003	(9)	1,089	(6)
Oklahoma	16,954	15,060	1,894	209	49	1,641	160	3,053	732	2,885	797	52	8	-	-	-	-	7,220	148	-	(2,204)	-	(330)
Oregon	17,804	16,774	1,030	121	2	312	6	1,479	76	1,532	138	1,798	108	743	32	3,626	80	7,054	577	109	-	11	-
Pennsylvania	124,417	111,296	13,121	-	-	8,436	1,008	8,718	1,157	8,227	927	678	55	307	9	78	3	83,030	9,777	1,822	-	185	-
Rhode Island	3,360	3,331	29	57	-	546	15	421	10	305	4	-	-	-	-	-	-	1,952	-	50	(78)	-	-
South Carolina	18,410	16,505	1,905	178	5	1,194	23	3,861	764	3,169	660	-	-	-	-	676	184	6,999	194	428	(239)	75	(105)
South Dakota	2,981	2,759	222	-	-	-	-	-	-	463	32	343	34	65	-	25	-	1,785	150	78	(115)	6	(11)
Tennessee	33,726	29,425	4,301	527	14	2,498	841	3,635	839	3,117	543	3,955	593	748	9	1,728	497	13,068	965	149	(835)	-	(90)
Texas	56,673	51,780	4,893	16	-	3,131	411	8,468	1,603	7,856	1,431	2,851	82	3,935	166	2,777	79	18,265	748	4,481	-	373	-
Utah	16,192	14,458	1,734	28	-	161	13	1,032	48	2,709	107	2,030	331	669	57	6,072	970	907	172	850	-	36	-
Vermont	3,732	3,546	186	-	-	578	34	990	56	789	57	8	-	-	-	-	-	1,081	39	100	(36)	-	(44)
Virginia	41,645	38,515	3,130	944	36	1,137	386	3,610	601	3,512	751	913	130	410	24	1,114	247	25,364	861	1,511	-	114	-
Washington	72,083	64,508	7,575	-	-	-	-	885	23	2,192	286	14,001	2,007	7,023	995	103	-	40,304	4,264	-	(4,000)	-	(462)
West Virginia	13,528	12,961	567	-	-	185	-	2,769	28	2,096	23	77	2	28	1	-	-	7,446	501	360	-	12	-
Wisconsin	46,598	43,517	3,081	-	-	-	-	2,832	-	2,738	14	3,205	314	643	53	8,399	1,172	24,980	1,528	720	(649)	-	(129)
Wyoming	1,882	1,787	95	2	-	18	-	181	-	337	3	73	3	32	-	487	19	627	56	30	-	14	-
Dist. of Columbia	2,687	2,089	598	13	-	499	87	367	94	288	60	185	181	157	2	171	113	409	61	-	(223)	-	-
Guam	1,173	1,105	68	-	-	127	-	99	-	50	3	36	-	44	-	119	-	627	65	3	-	-	-
Puerto Rico	20,489	12,285	8,204	16	-	2,561	557	2,077	562	2,082	670	236	52	64	-	2,940	5,513	937	377	1,372	-	473	-
Virgin Islands	280	256	24	112	24	74	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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1/ Includes 710 males and 192 females below grade 9 level.

2/ In regular classes and received individual services.

Table 68

EXPENDITURES FOR VOCATIONAL TRADE AND INDUSTRIAL EDUCATION
BY SOURCE OF FUNDS AND BY STATE
FISCAL YEAR 1969

State	Grand Total	State	Local	Federal			
				Total	Smith-Hughes	George-Barden	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total	$318,299,934	$107,192,527	$148,711,584	$62,395,823	$1,315,798	$3,411,149	$57,668,876
Alabama	11,159,247	1,641,667	8,242,838	1,274,742	47,662	136,819	1,090,261
Alaska	869,382	40,580	609,805	218,997	0	0	218,997
Arizona	1,856,010	541,182	683,857	630,971	0	0	630,971
Arkansas	2,536,877	976,613	388,622	1,171,642	0	69,493	1,102,149
California	31,237,916	348,611	23,611,499	7,277,806	296,849	734,905	6,246,052
Colorado	2,342,280	223,304	1,426,730	692,246	27,587	77,699	586,960
Connecticut	5,136,555	4,100,103	599,266	437,186	0	0	437,186
Delaware	987,637	782,316	71,084	134,237	14,205	31,300	88,732
Florida	8,336,391	5,368,110	1,439,579	1,528,702	0	0	1,528,702
Georgia	6,942,187	3,525,623	1,594,341	1,822,223	0	0	1,822,223
Hawaii	1,322,702	913,405	0	409,297	11,661	40,000	357,636
Idaho	1,165,205	696,073	136,141	332,991	14,000	40,000	278,991
Illinois	7,808,298	1,872,098	3,542,060	2,394,140	12,000	0	2,382,140
Indiana	3,784,327	586,465	2,312,075	885,787	64,801	199,553	621,433
Iowa	5,288,464	1,985,730	2,218,226	1,084,508	32,053	100,101	952,354
Kansas	4,343,550	942,395	2,238,[illegible]3	1,162,992	36,018	88,636	1,038,338
Kentucky	7,167,186	4,699,232	177,973	2,289,981	0	0	2,289,981
Louisiana	3,580,070	62,484	2,044,679	1,472,907	55,731	144,463	1,272,713
Maine	2,162,509	1,405,562	207,332	549,615	0	0	549,615
Maryland	6,491,665	2,458,176	3,197,744	835,745	0	0	835,745
Massachusetts	13,842,371	40,685	11,996,837	1,804,849	92,489	244,251	1,468,109
Michigan	10,329,761	631,730	7,629,256	2,068,775	0	0	2,068,775
Minnesota	6,708,894	2,522,924	3,056,539	1,129,431	0	0	1,129,431
Mississippi	2,959,184	1,196,411	718,926	1,043,847	0	0	1,043,847
Missouri	4,672,442	1,607,589	2,448,898	615,955	77,376	180,539	358,040
Montana	821,397	181,677	424,185	215,535	9,319	39,854	166,362
Nebraska	1,376,189	52,120	769,915	554,154	0	0	554,154
Nevada	614,816	51,135	419,642	144,039	0	0	144,039
New Hampshire	1,642,370	995,856	225,338	421,176	0	0	421,176
New Jersey	8,085,861	2,715,165	3,587,190	1,783,506	126,498	0	1,657,008
New Mexico	1,163,353	70,279	686,279	406,795	0	0	406,795
New York	35,537,967	14,522,054	15,986,463	5,029,450	0	0	5,029,450
North Carolina	20,811,625	13,504,998	3,989,945	3,316,682	0	0	3,316,682
North Dakota	1,204,781	743,930	175,488	285,363	0	0	285,363
Ohio	13,409,392	8,455,713	3,400,153	1,553,526	192,272	438,894	922,360
Oklahoma	3,606,661	634,568	2,275,414	696,679	0	0	696,679
Oregon	3,431,685	1,287,306	1,479,270	665,109	0	0	665,109
Pennsylvania	15,682,036	2,954,026	10,785,274	1,942,736	0	0	1,942,736
Rhode Island	902,794	401,289	437,920	63,585	0	0	63,585
South Carolina	3,263,240	1,712,073	601,258	949,909	0	0	949,909
South Dakota	815,255	149,990	293,268	371,997	13,333	40,000	318,664
Tennessee	5,332,180	1,747,217	1,940,382	1,644,581	0	0	1,644,581
Texas	10,438,516	6,026,525	2,178,415	2,233,576	0	0	2,233,576
Utah	2,720,810	1,117,604	1,106,203	497,003	16,050	40,475	440,478
Vermont	821,079	53,186	551,368	216,525	0	40,000	176,525
Virginia	6,036,951	1,770,721	2,911,865	1,354,365	60,536	170,542	1,123,287
Washington	5,177,805	1,259,656	2,952,241	965,908	50,724	128,511	786,673
West Virginia	1,083,075	210,999	676,842	195,234	18,634	79,518	97,082
Wisconsin	14,408,417	2,986,401	10,119,288	1,302,728	0	0	1,302,728
Wyoming	283,157	18,892	145,508	118,757	13,000	40,000	65,757
Dist. of Col.	1,275,929	857,193	0	418,736	0	134,187	284,549
Guam	507,624	275,881	0	231,743	0	80,000	151,743
Puerto Rico	4,679,585	3,148,809	0	1,530,776	33,000	75,331	1,422,445
Virgin Islands	134,274	118,196	0	16,078	0	16,078	0

Table 69

FEDERAL EXPENDITURES FOR VOCATIONAL TRADE AND INDUSTRIAL EDUCATION BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$62,395,823	$4,129,599	$2,219,780	$1,888,507	$42,250,365	$471,628	$11,090,235	$345,709
Alabama	1,274,742	0	86,821	31,942	1,155,979	0	0	0
Alaska	218,997	0	0	4,079	180,083	0	34,835	0
Arizona	630,971	11,545	24,726	14,375	273,998	0	306,327	0
Arkansas	1,171,642	312,260	0	3,000	817,754	0	0	38,628
California	7,277,807	1,917,621	462,097	35,209	3,296,356	0	1,566,524	0
Colorado	692,245	43,788	0	2,667	436,231	0	209,559	0
Connecticut	437,187	0	0	0	413,725	0	23,462	0
Delaware	134,237	4,207	10,613	614	104,133	0	14,670	0
Florida	1,528,701	40,857	201,410	102,207	45,980	1,280	1,136,967	0
Georgia	1,822,223	0	0	0	1,516,445	0	305,778	0
Hawaii	409,297	1,000	0	2,000	382,271	0	24,026	0
Idaho	332,991	38,649	0	10,520	276,437	0	7,385	0
Illinois	2,394,140	57,051	0	84,496	1,969,115	0	283,478	0
Indiana	885,786	48,637	0	140,825	549,588	37,091	109,645	0
Iowa	1,084,508	0	0	3,861	802,975	0	277,672	0
Kansas	1,162,992	145,296	17,661	11,856	742,914	2,071	224,118	19,076
Kentucky	2,289,981	250,762	0	59,862	1,561,380	0	395,701	22,276
Louisiana	1,472,907	80,196	87,409	22,359	1,282,943	0	0	0
Maine	549,615	43,666	0	4,413	409,021	0	92,515	0
Maryland	835,745	49,376	0	77,318	276,658	20,415	406,508	5,470
Massachusetts	1,804,849	186,631	49,519	55,365	1,301,076	0	113,764	98,494
Michigan	2,068,775	0	49,555	21,944	1,300,362	0	696,914	0
Minnesota	1,129,431	315,860	103,405	36,243	345,789	0	328,134	0
Mississippi	1,043,847	542	19,678	49,577	725,490	0	248,560	0
Missouri	615,955	0	0	44,352	231,789	0	339,814	0
Montana	215,535	31,650	0	17,858	139,994	0	26,033	0
Nebraska	554,154	12,814	13,499	2,600	384,176	0	141,065	0
Nevada	144,039	0	0	5,000	137,211	0	1,828	0
New Hampshire	421,176	6,673	8,349	58	84,308	0	321,788	0
New Jersey	1,783,506	6,705	173,231	235,893	986,061	323,005	49,423	9 188
New Mexico	406,795	0	26,739	8,345	344,984	0	26,727	0
New York	5,029,450	0	0	0	5,029,450	0	0	0
North Carolina	3,316,682	39,033	0	79,253	3,065,496	0	132,900	0
North Dakota	285,363	0	13,922	3,000	144,896	0	123,545	0
Ohio	1,553,526	36,444	70,630	196,678	750,368	0	476,165	23,241
Oklahoma	696,679	54,362	52,287	14,563	493,276	17,087	49,404	15,700
Oregon	665,109	3,000	14,115	0	526,674	453	120,867	0
Pennsylvania	1,942,737	166,050	0	251,785	1,379,757	48,635	96,510	0
Rhode Island	63,585	260	13,206	675	49,444	0	0	0
South Carolina	949,909	0	58,097	29,475	350,959	0	511,378	0
South Dakota	371,997	54,627	4,190	9,309	256,092	0	27,264	20,515
Tennessee	1,644,581	0	0	0	1,644,581	0	0	0
Texas	2,233,576	0	182,187	0	1,550,820	0	500,569	0
Utah	497,003	0	18,005	13,739	452,359	0	12,900	0
Vermont	216,525	1,494	0	7,783	199,024	0	8,224	0
Virginia	1,354,365	0	24,008	114,650	863,544	0	352,163	0
Washington	965,908	84,439	123,401	52,892	363,623	15,381	262,730	63,442
West Virginia	195,234	5,512	27,552	1,926	156,716	0	0	3,528
Wisconsin	1,302,728	38,384	79,611	15,037	595,428	6,210	555,947	12,111
Wyoming	118,757	4,160	21,839	5,904	75,542	0	11,312	0
Dist. of Columbia	418,736	0	0	0	301,909	0	116,827	0
Guam	231,743	24,482	4,892	0	180,019	0	18,310	4,040
Puerto Rico	1,530,776	5,000	177,126	3,000	1,335,650	0	0	10,000
Virgin Islands	16,078	6,566	0	0	9,512	0	0	0

Table 70

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL TRADE AND INDUSTRIAL EDUCATION BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$255,904,112	$16,881,001	$2,399,364	$2,738,751	$214,215,441	$699,983	$15,866,918	$3,102,654
Alabama	9,884,505	1,370,718	0	31,942	8,481,845	0	0	0
Alaska	650,384	0	0	6,556	419,046	0	224,782	0
Arizona	1,225,039	84,290	11,470	69,178	978,617	18,855	62,629	0
Arkansas	1,365,235	349,286	0	6,246	970,470	0	0	39,233
California	23,960,109	2,032,403	173,633	35,209	20,020,609	0	1,698,255	0
Colorado	1,650,033	102,859	0	29,109	1,308,542	0	209,523	0
Connecticut	4,699,370	0	0	0	4,355,969	0	343,401	0
Delaware	853,400	3,638	10,079	0	826,917	0	12,766	0
Florida	6,807,688	97,351	1,103	0	6,687,543	0	0	21,691
Georgia	5,119,964	0	0	0	4,426,966	0	692,998	0
Hawaii	913,405	5,603	0	12,772	700,088	0	27,859	167,083
Idaho	832,214	94,271	12,898	6,034	519,993	0	199,018	0
Illinois	5,414,158	168,444	0	84,496	4,972,230	0	188,988	0
Indiana	2,898,542	151,978	0	170,052	2,379,580	67,883	129,049	0
Iowa	4,203,955	0	0	64,273	3,492,099	0	647,583	0
Kansas	3,180,558	348,288	17,377	36,187	2,246,232	7,165	478,294	47,015
Kentucky	4,877,205	577,395	0	59,863	3,645,304	0	535,353	59,290
Louisiana	2,107,163	270,224	25,483	36,511	1,774,945	0	0	0
Maine	1,612,894	258,652	0	4,412	1,282,179	0	67,651	0
Maryland	5,655,922	65,877	0	74,819	5,162,519	39,299	307,138	6,270
Massachusetts	12,037,522	940,178	280	4,935	10,758,112	0	0	334,017
Michigan	8,260,986	0	335,097	168,123	7,060,852	0	696,914	0
Minnesota	5,579,463	703,204	100,552	36,243	4,158,741	0	580,723	0
Mississippi	1,915,337	0	18,886	51,666	1,446,143	0	398,642	0
Missouri	4,056,487	0	0	77,720	3,636,613	0	342,154	0
Montana	605,862	64,937	0	20,453	445,042	0	75,430	0
Nebraska	822,035	23,798	13,502	1,925	528,243	0	254,567	0
Nevada	470,777	0	0	8,320	461,744	0	713	0
New Hampshire	1,221,194	63,097	8,273	23	1,082,936	0	66,865	0
New Jersey	6,302,355	304,219	173,231	242,065	4,856,761	327,552	240,596	157,931
New Mexico	756,558	0	26,739	7,998	656,753	0	65,068	0
New York	30,508,517	0	0	0	30,508,517	0	0	0
North Carolina	17,494,944	7,218,605	0	79,253	6,336,690	0	2,186,609	1,673,787
North Dakota	919,418	0	5,758	5,988	876,602	0	31,070	0
Ohio	11,855,866	6,516	38,421	185,518	11,148,165	0	476,165	1,081
Oklahoma	2,909,982	172,435	53,892	9,763	2,586,262	2,026	40,921	44,683
Oregon	2,766,575	0	37,686	0	2,671,069	2,988	54,832	0
Pennsylvania	13,739,301	166,050	0	257,296	12,835,669	59,783	420,503	0
Rhode Island	839,209	13,620	13,207	675	811,707	0	0	0
South Carolina	2,313,331	194,036	73,993	29,475	1,572,243	0	443,584	0
South Dakota	443,258	67,008	4,339	9,389	308,607	0	33,316	20,599
Tennessee	3,687,599	0	226,351	68,630	2,941,262	0	451,356	0
Texas	8,204,940	0	266,818	0	7,092,866	0	845,256	0
Utah	2,223,807	0	2,087	16,417	1,874,625	0	330,678	0
Vermont	604,554	7,469	0	3,056	566,850	0	27,179	0
Virginia	4,682,586	4,312	152,964	493,875	3,669,991	0	361,444	0
Washington	4,211,897	49,167	200,878	107,289	3,392,445	10,501	358,954	92,663
West Virginia	887,840	2,605	17,224	11,674	845,023	0	7,786	3,528
Wisconsin	13,105,689	850,810	66,121	97,207	10,476,311	163,931	1,031,566	419,743
Wyoming	164,400	4,689	258	5,904	142,237	0	11,312	0
Dist. of Columbia	857,194	0	23,546	7,212	749,052	0	77,384	0
Guam	275,881	30,990	5,300	0	217,241	0	18,310	4,040
Puerto Rico	3,148,809	5,000	281,918	3,000	2,758,686	0	90,205	10,000
Virgin Islands	118,196	6,979	0	0	89,688	0	21,529	0

Table 71

EXPENDITURES FOR VOCATIONAL EDUCATION FOR FISHERY OCCUPATIONS, BY SOURCE OF FUNDS, AND BY STATE
FISCAL YEAR 1969

State	Grand Total	State	Local	Federal		
				Total	Smith Hughes	V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total	$487,333	$257,035	$110,544	$119,754	$32,874	$86,880
Alabama	6,147	3,127	-	3,020	3,020	-
Alaska	42,917	-	27,273	15,644	-	15,664
Arizona	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-
California	3,418	-	1,709	1,709	1,709	-
Colorado	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-
Delaware	-	-	-	-	-	-
Florida	35,559	-	-	35,559	-	35,559
Georgia	-	-	-	-	-	-
Hawaii	950	510	-	440	440	-
Idaho	-	-	-	-	-	-
Illinois	-	-	-	-	-	-
Indiana	-	-	-	-	-	-
Iowa	-	-	-	-	-	-
Kansas	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-
Louisiana	72,648	-	42,148	30,500	22,500	8,000
Maine	51,185	27,652	-	23,533	-	23,533
Maryland	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-
Michigan	19,350	-	17,081	2,269	-	2,269
Minnesota	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-
Missouri	-	-	-	-	-	-
Montana	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-
Nevada	9,600	-	7,725	1,875	-	1,875
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-
New York	-	-	-	-	-	-
North Carolina	237,713	219,385	13,639	4,689	4,689	-
North Dakota	-	-	-	-	-	-
Ohio	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-
Oregon	1,485	-	969	516	516	-
Pennsylvania	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-
Texas	-	-	-	-	-	-
Utah	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Virginia	-	-	-	-	-	-
Washington	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-
Dist. of Columbia	-	-	-	-	-	-
Guam	-	-	-	-	-	-
Puerto Rico	6,361	6,361	-	-	-	-
Virgin Islands	-	-	-	-	-	-

Table 72

FEDERAL EXPENDITURES FOR VOCATIONAL EDUCATION FOR FISHERY OCCUPATIONS
BY FUNCTION
FISCAL YEAR 1969

State (1)	Total (2)	Adminis-tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc-tional Equipment (8)	Vocational Guidance (9)
Total	$119,754	0	0	0	$72,476	$2,269	$45,009	0
Alabama	3,020	0	0	0	3,020	0	0	0
Alaska	15,644	0	0	0	5,461	0	10,183	0
Arizona	0	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0	0
California	1,709	0	0	0	1,709	0	0	0
Colorado	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
Florida	35,559	0	0	0	733	0	34,826	0
Georgia	0	0	0	0	0	0	0	0
Hawaii	440	0	0	0	440	0	0	0
Idaho	0	0	0	0	0	0	0	0
Illinois	0	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0	0
Iowa	0	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0	0
Louisiana	30,500	0	0	0	30,500	0	0	0
Maine	23,533	0	0	0	23,533	0	0	0
Maryland	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0	0
Michigan	2,269	0	0	0	0	2,269	0	0
Minnesota	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0
Nevada	1,875	0	0	0	1,875	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0	0
New York	0	0	0	0	0	0	0	0
North Carolina	4,689	0	0	0	4,689	0	0	0
North Dakota	0	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Oregon	516	0	0	0	516	0	0	0
Pennsylvania	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	0
Texas	0	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0
Dist. of Columbia	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0

Table 73

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL EDUCATION FOR FISHERY OCCUPATIONS BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Adminis- tration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instruc- tional Equipment (8)	Vocational Guidance (9)
Total	$367,579	$137,976	$6,361	0	$196,759	$17,081	$9,064	$338
Alabama	3,127	0	0	0	3,127	0	0	0
Alaska	27,273	0	0	0	19,178	0	8,095	0
Arizona	0	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0	0
California	1,709	0	0	0	1,709	0	0	0
Colorado	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	0	0	0	0
Georgia	0	0	0	0	0	0	0	0
Hawaii	510	302	0	0	208	0	0	0
Idaho	0	0	0	0	0	0	0	0
Illinois	0	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0	0
Iowa	0	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0	0
Louisiana	42,148	6,297	0	0	35,851	0	0	0
Maine	27,652	0	0	0	27,652	0	0	0
Maryland	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0	0
Michigan	17,081	0	0	0	0	17,081	0	0
Minnesota	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0
Nevada	7,725	0	0	0	7,725	0	0	0
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0	0
New York	0	0	0	0	0	0	0	0
North Carolina	233,024	131,377	0	0	101,309	0	0	338
North Dakota	0	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Oregon	969	0	0	0	0	0	969	0
Pennsylvania	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	0
Texas	0	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0
Dist. of Columbia	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	6,361	0	6,361	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0

Table 74

ENROLLMENT IN OTHER VOCATIONAL EDUCATION CLASSES BY TYPE OF CLASS, SEX, AND STATE
FISCAL YEAR 1969

State	Grand Total			Secondary								Postsecondary Purpose 2 Full-Time Only				Adult				Persons With Special Needs			
				Grade 9		Grade 10		Grade 11		Grade 12		1st Year		2nd Year		Preparatory		Supplementary		Male		Female	
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	emale	Male	Female	Male	Female	Male	Female	Male	Female				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Total	69,783	41,195	28,588	11,394	6,646	1,707	821	5,646	3,723	12,168	0,906	434	257	136	109	405	72	12	9	9,303	(2,115) 1/	6,045	(1,574) 1/
Alabama	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
California	31,464	17,866	13,598	150	151	1,642	796	5,098	3,363	10,729	9,127	138	66	69	60	28	26	12	9	-	(1,971)	-	(1,423)
Colorado	345	222	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222	-	123	-
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	7,159	4,479	2,680	-	-	-	-	546	355	1,428	1,777	-	-	-	-	-	-	-	-	2,505	-	548	-
Georgia	236	108	128	30	15	-	-	-	-	-	-	78	113	-	-	-	-	-	-	-	(108)	-	(128)
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	338	241	97	205	80	36	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Michigan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	256	184	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184	-	72	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New York	9,802	5,162	4,640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,162	-	4,640	-
North Carolina	19,272	12,225	7,047	10,995	6,385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,230	-	662	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania	749	576	173	-	-	-	-	-	-	-	-	142	78	57	49	377	46	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	59	36	23	14	15	22	8	-	-	-	-	-	-	-	-	-	-	-	-	-	(36)	-	(23)
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	76	76	-	-	-	-	-	-	-	-	-	76	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands	27	20	7	-	-	7	-	2	5	11	2	-	-	-	-	-	-	-	-	-	-	-	-

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1/ In regular classes and received individual services.

Table 75

EXPENDITURES FOR VOCATIONAL EDUCATION (NOT
ELSEWHERE CLASSIFIED) BY SOURCE
OF FUNDS AND BY STATE
FISCAL YEAR 1969

State	Grand Total	State	Local	Federal
				V.E. Act of 1963
(1)	(2)	(3)	(4)	(5)
Total	$96,703,714	$32,328,471	$41,255,190	$23,120,053
Alabama	1,277,902	720,184	0	557,718
Alaska	157,896	130,621	12,557	14,718
Arizona	0	0	0	0
Arkansas	425,657	214,412	21,850	189,395
California	41,952	4,195	0	37,757
Colorado	589,176	106,235	259,298	223,643
Connecticut	4,399,335	3,593,725	140,104	665,506
Delaware	291,926	213,750	0	78,176
Florida	3,454,806	2,177,942	578,142	698,722
Georgia	4,456,035	2,717,453	298,092	1,440,490
Hawaii	204,800	119,744	0	85,056
Idaho	153,420	73,151	16,092	64,177
Illinois	3,955,455	1,409,537	1,224,975	1,320,943
Indiana	2,942,041	106,648	1,488,826	1,346,567
Iowa	3,221,172	1,861,021	892,773	467,378
Kansas	16,055	0	3,145	12,910
Kentucky	968,104	511,943	86,629	369,532
Louisiana	1,008,029	36,091	518,178	453,760
Maine	304,544	36,362	66,436	201,746
Maryland	1,492,688	435,534	757,511	299,643
Massachusetts	0	0	0	0
Michigan	1,861,777	249,632	904,690	707,455
Minnesota	3,562,135	1,258,248	1,607,412	696,475
Mississippi	813,409	365,395	134,390	313,624
Missouri	4,887,738	1,078,200	3,363,822	445,716
Montana	329,963	84,819	178,349	66,795
Nebraska	238,019	57,436	77,512	103,071
Nevada	457,740	290,709	78,801	88,230
New Hampshire	116,743	81,153	0	35,590
New Jersey	150,000	75,000	75,000	0
New Mexico	347,332	37,051	177,199	133,082
New York	16,426,209	7,304,679	7,241,297	1,880,233
North Carolina	1,628,528	686,910	372,925	568,693
North Dakota	162,042	31,673	21,308	109,061
Ohio	2,656,461	11,975	1,418,522	1,225,964
Oklahoma	422,713	224,697	0	198,016
Oregon	2,601,783	618,984	1,574,616	408,183
Pennsylvania	17,994,205	526,835	14,512,956	2,954,414
Rhode Island	441,701	149,195	128,915	163,591
South Carolina	206,747	113,599	0	93,148
South Dakota	137,626	25,020	82,962	29,644
Tennessee	2,715,522	1,201,993	293,732	1,219,797
Texas	4,185,161	2,043,707	749,624	1,391,830
Utah	999,412	96,506	702,571	200,335
Vermont	440,668	90,168	208,050	142,450
Virginia	109,067	315	52,731	56,021
Washington	0	0	0	0
West Virginia	375,506	28,125	164,011	183,370
Wisconsin	936,825	0	585,976	350,849
Wyoming	226,099	8,313	183,211	34,575
Dist. of Columbia	234,532	190,862	0	43,670
Guam	0	0	0	0
Puerto Rico	1,667,200	923,794	0	743,406
Virgin Islands	9,858	4,930	0	4,928

Table 76

FEDERAL EXPENDITURES FOR VOCATIONAL EDUCATION (NOT ELSEWHERE CLASSIFIED) BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$23,120,058	$11,402,714	$2,617,210	$1,359,623	$2,879,780	$1,045,666	$554,045	$3,261,020
Alabama	557,718	199,241	168,063	0	0	0	0	190,414
Alaska	14,718	0	14,718	0	0	0	0	0
Arizona	0	0	0	0	0	0	0	0
Arkansas	189,395	48,884	101,526	35,518	0	3,467	0	0
California	37,757	0	0	0	0	37,757	0	0
Colorado	223,643	134,515	0	0	0	44,377	0	44,751
Connecticut	665,506	171,601	216,878	196,889	47,622	0	384	32,132
Delaware	78,176	8,632	15,829	0	25,011	0	0	28,704
Florida	698,723	225,386	190,924	72,895	0	140,988	0	68,530
Georgia	1,440,490	677,028	485,821	106,832	0	28,061	0	142,748
Hawaii	85,056	75,016	0	0	0	0	0	10,040
Idaho	64,177	0	0	25,368	21,016	0	45	17,748
Illinois	1,320,943	334,299	344,110	234,095	0	39,942	0	368,497
Indiana	1,346,567	457,246	0	0	69,622	114,084	504,564	201,051
Iowa	467,378	100,000	235,994	14,557	0	66,827	0	50,000
Kansas	12,910	0	0	0	0	12,910	0	0
Kentucky	369,532	184,846	0	68,827	75,397	32,442	0	8,020
Louisiana	453,760	197,201	18,228	45,582	0	20,000	0	172,749
Maine	201,746	201,746	0	0	0	0	0	0
Maryland	299,646	174,235	0	8,841	24,643	11,117	1,395	79,415
Massachusetts	0	0	0	0	0	0	0	0
Michigan	707,455	628,850	0	41,247	0	25,570	0	11,788
Minnesota	696,475	574,063	0	18,071	29,989	0	33,924	40,428
Mississippi	313,624	164,717	19,620	42,707	0	11,117	4,875	70,588
Missouri	445,716	1,011	393,577	0	0	0	0	51,128
Montana	66,795	58,896	0	0	0	0	0	7,899
Nebraska	103,071	36,373	7,367	7,327	44,923	0	503	6,578
Nevada	88,230	64,463	0	10,323	0	2,800	0	10,644
New Hampshire	35,590	27,439	0	2,250	0	0	0	5,901
New Jersey	0	0	0	0	0	0	0	0
New Mexico	133,082	99,859	2,345	564	0	9,010	0	21,304
New York	1,880,233	1,485,943	0	199,722	0	93,418	0	101,150
North Carolina	568,693	129,855	0	6,248	432,590	0	0	0
North Dakota	109,061	90,072	0	0	0	0	0	18,989
Ohio	1,225,964	706,627	0	0	0	0	0	519,337
Oklahoma	198,016	125,793	52,746	0	0	0	0	19,477
Oregon	408,183	149,277	9,047	124,971	99,591	10,245	0	15,052
Pennsylvania	2,954,415	815,337	0	68,452	1,861,270	90,218	2,469	116,669
Rhode Island	163,591	115,391	0	0	0	14,112	0	34,088
South Carolina	93,148	59,929	0	0	0	9,184	9	24,035
South Dakota	29,644	29,644	0	0	0	0	0	0
Tennessee	1,219,797	1,005,402	0	0	128,902	10,898	0	74,595
Texas	1,391,830	933,371	255,388	18,334	0	13,428	0	171,309
Utah	200,335	129,666	0	7,684	0	20,228	0	42,757
Vermont	142,450	124,159	0	0	0	0	0	18,291
Virginia	56,021	56,021	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
West Virginia	183,370	126,061	31,096	0	0	13,466	0	12,747
Wisconsin	350,849	196,437	44,428	2,319	16,206	0	4,182	87,277
Wyoming	34,575	20,591	9,505	0	2,998	0	697	784
Dist. of Columbia	43,670	43,670	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	743,406	210,000	0	0	0	170,000	0	363,406
Virgin Islands	4,928	3,921	0	0	0	0	1,007	0

Table 77

STATE AND LOCAL MATCHING EXPENDITURES FOR VOCATIONAL EDUCATION (NOT ELSEWHERE CLASSIFIED) BY FUNCTION FISCAL YEAR 1969

State (1)	Total (2)	Administration (3)	Supervision (4)	Teacher Education (5)	Instruction (6)	Research (7)	Instructional Equipment (8)	Vocational Guidance (9)
Total	$73,583,662	$32,265,350	$3,025,503	$1,475,891	$16,326,004	$1,930,259	$764,953	$17,795,702
Alabama	720,184	72,891	310,885	72,184	0	0	0	264,224
Alaska	143,178	130,621	12,557	0	0	0	0	0
Arizona	0	0	0	0	0	0	0	0
Arkansas	236,262	50,627	54,056	118,933	0	12,646	0	0
California	4,195	0	0	0	0	4,195	0	0
Colorado	365,533	276,124	0	0	0	41,253	0	48,156
Connecticut	3,733,829	2,937,117	252,795	80,325	166,582	0	101,268	195,742
Delaware	213,750	13,319	1,085	0	159,496	0	0	39,850
Florida	2,756,085	2,525,735	42,337	36,088	0	0	0	151,925
Georgia	3,015,545	2,033,286	384,424	113,251	0	9,450	0	475,134
Hawaii	119,744	119,744	0	0	0	0	0	0
Idaho	89,243	0	0	16,878	25,796	0	276	46,293
Illinois	2,634,512	639,123	348,012	2,667	0	591,146	0	1,053,564
Indiana	1,595,475	536,945	0	0	234,676	116,150	504,564	203,140
Iowa	2,753,794	1,425,901	235,994	55,115	10,284	133,409	0	893,091
Kansas	3,145	0	0	0	0	3,145	0	0
Kentucky	598,572	184,846	0	68,826	304,437	32,442	0	8,021
Louisiana	554,269	36,091	0	63,921	0	80,082	0	374,175
Maine	102,798	102,798	0	0	0	0	0	0
Maryland	1,193,043	767,502	0	70,069	4,392	11,117	1,194	338,769
Massachusetts	0	0	0	0	0	0	0	0
Michigan	1,154,322	1,062,299	0	48,771	0	25,570	0	17,682
Minnesota	2,865,660	2,266,809	0	50,374	70,139	27,776	130,482	320,080
Mississippi	499,785	307,646	14,545	49,965	0	9,566	13,014	105,049
Missouri	4,442,022	1,022,691	64,247	341,980	0	4,000	0	3,009,104
Montana	263,168	205,436	0	0	0	14,137	0	43,595
Nebraska	134,948	41,254	7,368	9,980	65,186	0	934	10,226
Nevada	369,510	177,571	155,556	12,318	0	2,800	0	21,265
New Hampshire	81,153	10,833	0	12	0	0	0	70,308
New Jersey	150,000	150,000	0	0	0	0	0	0
New Mexico	214,250	154,226	2,345	564	0	11,010	0	46,105
New York	14,545,976	7,099,473	726,707	0	0	0	0	6,719,796
North Carolina	1,059,835	160,687	0	6,248	881,223	11,677	0	0
North Dakota	52,981	45,777	0	0	0	0	0	7,204
Ohio	1,430,497	762,856	0	0	0	0	0	667,641
Oklahoma	224,697	107,454	70,508	0	0	27,629	0	19,106
Oregon	2,193,600	1,361,702	24,398	17,879	399,959	45,050	2,400	342,212
Pennsylvania	15,039,791	990,542	0	64,242	13,760,941	126,500	897	96,669
Rhode Island	278,110	254,932	0	0	0	0	0	23,178
South Carolina	113,599	68,269	0	0	0	16,099	0	29,231
South Dakota	107,982	107,982	0	0	0	0	0	0
Tennessee	1,495,725	1,138,952	0	0	209,798	72,380	0	74,595
Texas	2,793,331	1,439,080	316,681	145,836	0	483,950	0	407,784
Utah	799,077	320,054	0	20,615	0	2,780	0	455,628
Vermont	298,218	172,331	0	0	0	0	452	125,435
Virginia	53,047	53,047	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
West Virginia	192,136	166,729	1,003	0	0	14,300	0	10,104
Wisconsin	585,976	381,412	0	2,622	30,097	0	7,767	164,078
Wyoming	191,524	21,612	0	6,228	2,998	0	697	159,989
Dist. of Columbia	190,862	190,862	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0
Puerto Rico	923,794	166,240	0	0	0	0	0	757,554
Virgin Islands	4,930	3,922	0	0	0	0	1,008	0

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